WEEKLY BULLETINS OF MASS. STATE BOARD OF HEALTH

1894

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Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 6, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 1.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

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MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 6, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

STATE HOUSE, BOSTON

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A mouthly report will also be issued, to contain the returns from all reporting towns for the mouth.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From: Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	277	78	24	74	1	16	4
Worcester,	96,217	37	5	1	12	..	..	..
Fall River,	87,411	40	16	6	9	5	..	..
Lowell,	87,191	29	12	6	3	2	1	1
Cambridge,	77,100	39	13	7	6	..	1	6
Lynn,	62,656	24	..	..	3	..	..	..
Springfield,	48,684	12	1	..	3	..	..	..
Lawrence,	48,355	15	5	1	6	1	..	..
Somerville,	47,847	28	6	6	..	..	2	2
New Bedford,	45,886	17	3	..	1	..	..	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	7	1	..	1	..	..	..
Brockton,	32,140	11	3	..	1	..	..	..
Haverhill,	31,396	12	..	..	2	..	..	..
Chelsea,	30,264	24	8	1	9	..	..	..
Malden,	29,394	12	1	..	4	..	..	..
Newton,	27,556	8	1	..	2	..	..	..
Fitchburg,	27,146	..	..	..	..	..	..	..
Taunton,	26,972	7	2	..	2	..	..	..
Gloucester,	26,688	5	0	..	..	..	..	..
Waltham,	22,058	10	1	1	3	..	..	..
Quincy,	19,642	6	1	..	2	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	6	0	..	..	..	..	..
Everett,	16,585	5	3	..	3	..	..	..
Northampton,	16,331	6	0	..	..	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	13	5	2	5	..	1	..
Newburyport,	14,073	3	1	2	..	..	1	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	8	0	..	3	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	0	0	..	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,636	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,470,866	661	166	57	154	9	22	13

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DEATHS FROM PREVALENT DISEASES IN THE 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-seven deaths were reported from the principal infectious diseases; diphtheria and croup, 22; scarlet-fever, 13; diarrhœal diseases, 9; cerebro-spinal meningitis, 5; typhoid fever, 4; whooping-cough, 2; measles, 1; puerperal fever, 1.

There were 154 deaths from acute lung diseases; consumption, 70; and stillbirths, 34.

No deaths were reported from small-pox, erysipelas and malarial fever.

From cerebro-spinal meningitis: Lowell, 2; Worcester, Somerville and Chelsea, 1 each. From typhoid fever: Boston, 2; Waltham and Newburyport, 1 each. From whooping-cough: Boston and Woburn, 1 each. From measles: Fall River, 1. From puerperal fever: Somerville, 1.

Deaths from the principal infectious diseases numbered 57, against 53 for the preceding week.

Deaths under five years of age numbered 166, against 179 for the preceding week.

Cases of small-pox reported during the week: In Lowell, 6; in Boston, 4.

The death rates for the week were: Boston, 30.00; Worcester, 20.00; Fall River, 23.76; Lowell, 17.29; Cambridge, 26.30; Lynn, 19.91; Springfield, 12.81; Lawrence, 16.13; Somerville, 30.43; New Bedford, 19.26; Holyoke, ——; Salem, 11.29; Brockton, 17.79; Haverhill, 19.87; Chelsea, 41.23; Malden, 21.22; Newton, 15.09; Fitchburg, ——; Taunton, 13.48; Gloucester, 9.94; Waltham, 23.58; Quincy, 15.88; North Adams, ——; Pittsfield, 16.59; Everett, 15.67; Northampton, 19.10; Marlborough, ——; Chicopee, ——; Woburn, 46.77; Newburyport, 11.08; Medford, 36.96.

The death rate for the week was 23.37, against 23.09 and 23.25 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Jan. 6, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Dec. 31,	30.22	22	27	16	84	81	82	N. W.	W.	12	10	N.	C.			0.09
Monday, Jan. 1,	30.34	26	35	18	85	64	74	W.	W.	14	6	C.	C.			0.00
Tuesday, 2,	30.20	30	42	19	68	66	67	S. W.	S. W.	6	15	C.	C.			0.00
Wednes'y, 3,	29.97	38	44	31	78	83	80	S. W.	S. W.	10	13	F.	C.			0.00
Thursday, 4,	29.83	44	50	37	82	68	75	S. W.	S. W.	17	9	O.	C.			0.00
Friday, 5,	29.90	42	47	36	73	91	82	S. W.	N.	12	8	O.	O.			0.03
Saturday, 6,	30.09	34	37	31	91	90	90	N. E.	E.	5	10	O.	N.			T.
Week, - -	30.08		34	27			79									

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 9 smaller towns of Massachusetts, as reported to the State Board of Health for the month of December.

The total death-rate of reporting towns for the month was 14.89.

TOWNS.	Estimated Population for 1893.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Scarlet-fever.	Typhoid Fever.
Marblehead, ...	8,445	3	0	1	..	1	1	..
Revere, ...	8,224	8	1	..	2	..	..	..
Middleborough, . . .	6,256	10	0	2	1	..	..	2
Orange, ...	5,174	5	2	..	1	..	..	..
Hudson, ...	4,902	11	1	..	1	..	..	..
Concord, ...	4,627	5	1	..	2	..	..	..
Easthampton, ...	4,435	9	1	..	3	..	..	..
Merrimac, ...	2,633	4	2	..	..	..	..	..
Norton, ...	2,037	3	0	..	1	..	..	..
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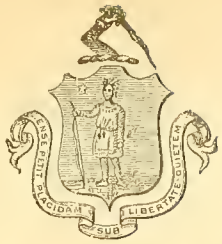
Total of reporting towns, . .	46,733	58	8	3	11	1	1	2



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 13, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of December.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 2.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
GERARD C. TOBEY, Esq., Wareham.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
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MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 13, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* duriug that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A mouthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Scarlet-fever.
Boston,	487,397	248	67	22	89	13	..	4
Worcester,	96,217	46	18	6	10	2	1	..
Fall River,	87,411	34	19	5	10	4	..	..
Lowell,	87,191	44	15	11	11	..	3	..
Cambridge,	77,100	29	11	3	8	1	..	2
Lynn,	62,656	13	..	1	3	..	1	..
Springfield,	48,684	..	..	..	..	..	..	..
Lawrence,	48,355	20	2	..	3	..	..	..
Somerville,	47,847	20	3	4	3	1	..	3
New Bedford,	45,886	23	7	2	5	..	1	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	16	6	2	6	2	..	..
Brockton,	32,140	8	1	..	1	..	..	..
Haverhill,	31,396	12	5	..	5	..	..	..
Chelsea,	30,264	12	5	3	1	2	1	..
Malden,	29,394	16	3	3	4	2	..	..
Newton,	27,556	6	0	..	1	..	..	..
Fitchburg,	27,146	..	..	..	..	..	..	..
Taunton,	26,972	26	6	2	6	..	..	1
Gloucester,	26,688	7	2	1	1	..	..	..
Waltham,	22,058	8	0	..	3	..	..	..
Quincy,	19,642	7	2	1	..	..	1	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	2	0	2	1	..	2	..
Everett,	16,585	10	4	3	1	..	2	1
Northampton,	16,331	7	1	..	3	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	8	2	1	2	..	..	..
Newburyport,	14,073	5	0	..	..	..	..	..
Brookline,	13,927	4	1	..	3	..	..	..
Medford,	12,618	4	0	..	2	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	1	1	..	..	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	3	1	2	..	..	..	2
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Scarlet-fever.
Total of reporting towns,	1,447,643	639	182	74	182	27	12	13

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-three deaths were reported from the principal infectious diseases; diphtheria and croup, 27; scarlet-fever, 13; cerebro-spinal meningitis, 12; typhoid fever, 7; diarrhœal diseases, 5; whooping-cough, 3; erysipelas, 2; small-pox, 2; puerperal fever, 1; measles, 1.

No deaths were reported from malarial fever.

There were 182 deaths from acute lung diseases; consumption, 65; and stillbirths, 35.

From typhoid fever: Lowell, 4; Boston, New Bedford and Gloucester, 1 each. From diarrhœal diseases: Worcester and Lowell, 2 each; Fall River, 1. From whooping-cough: Bostou, Lowell and Taunton, 1 each. From erysipelas: Bostou and Malden, 1 each. From small-pox: Bostou and Lowell, 1 each. From puerperal fever: Boston, 1. From measles: Worcester, 1.

Deaths from the principal infectious diseases numbered 73, against 57 for the preceding week.

Deaths under five years of age numbered 182, against 166 for the preceding week.

The death rates for the week were: Boston, 26.45; Worcester, 24.85; Fall River, 20.20; Lowell, 26.24; Cambridge, 19.55; Lynn, 10.78; Springfield, ——; Lawrence, 21.50; Somerville, 21.74; New Bedford, 26.06; Holyoke, ——; Salem, 25.80; Brockton, 12.94; Haverhill, 19.87; Chelsea, 20.61; Malden, 28.30; Newtou, 11.32; Fitchburg, ——; Taunton, 37.65; Gloucester, 13.63; Waltham, 19.06; Quiucy, 18.53; North Adams, ——; Pittsfield, 5.53; Everett, 31.35; Northampton, 22.28; Marlborough, ——; Chicopee, ——; Woburn, 25.78; Newburyport, 18.47; Medford, 16.48.

The death rate for the week was 22.95, against 23.37 and 23.09 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Jan. 13, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	29.95	36	40	32	91	61	76	W.	W.		8	10		O.	C.			0.03
Monday, 8,	30.28	28	32	24	68	62	65	W.	W.		12	15		C.	C.			0.00
Tuesday, 9,	30.36	26	30	21	73	50	62	W.	N.W.		6	7		C.	O.			0.00
Wednes'y, 10,	30.20	22	27	18	70	92	81	N.W.	N.W.		8	9		O.	N.			0.08
Thursday, 11,	29.80	23	32	14	92	95	94	N.W.	S.		6	7		O.	O.			0.08
Friday, 12,	29.68	18	26	10	50	49	50	N.W.	N.W.		20	32		C.	C.			0.08
Saturday, 13,	29.97	13	24	2	50	38	44	N.W.	N.W.		25	15		C.	C.			0.00
Week, - -	30.03		70	17			67											0.27

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of December: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	88	133	221	Maple Syrup, . .	5	0	5
Butter, . . .	43	0	43	Canned Goods, .	5	0	5
Cheese, . . .	1	0	1	Honey, . . .	6	2	8
Lard, . . .	17	3	20	Tea, . . .	8	0	8
Olive Oil, . . .	1	0	1	Coffee, . . .	7	2	9
Vinegar, . . .	4	1	5	Cocoa, . . .	..	..	..
Spices, . . .	131	10	141	Confectiouery, .	15	0	15
Cream of Tartar, .	54	1	55	Other articles of Food and Drinks,	27	1	28
Molasses, . . .	18	3	21	Drugs, . . .	38	18	56
Syrups, . . .	..	..	..				
Maple Sugar, . .	1	0	1				
				Totals, . .	469	174	643

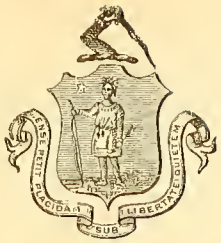
Percentage of adulteration, 27.0. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 60.2 per cent., against 53.9 per cent. for the preceding month; while the percentage of other articles of food and drugs was 9.7.

Eight complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $300.

The samples of drugs found to be adulterated were: Oil of Bitter Almonds, Oil of Lavender, Oil of Lemon, Powdered Opium, Red Wine, Spirits of Juniper and Tincture of Opium.

The cities and towns from which samples of food were collected were Boston, Fall River, Cambridge, Somerville, Salem, Chelsea, Newton, Taunton, Gloucester, Waltham, Quincy, Everett, Woburn, Medford, Acton, Arlington, Brookline, Framingham, Sharon and Watertown.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 20, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 3.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 20, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, aud will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
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Worcester,	96,217	36	13	5	11	..	4	..
Fall River,	87,411	27	11	4	8	3	1	..
Lowell,	87,191	37	7	6	14	2	..	..
Cambridge,	77,100	32	13	9	6	..	4	5
Lynn,	62,656	15	3	..	4	..	..	..
Springfield,	48,684	15	3	..	4	..	..	..
Lawrence,	48,355	14	4	1	..	..	..	..
Somerville,	47,847	14	2	2	1	..	..	1
New Bedford,	45,886	28	14	5	5	2	1	1
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	11	2	1	..	1	..	..
Brockton,	32,140	..	..	..	..	..	..	..
Haverhill,	31,396	8	3	..	1	..	..	..
Chelsea,	30,264	14	3	1	4	..	..	1
Malden,	29,394	7	2	..	1	..	..	..
Newton,	27,556	11	0	2	2	..	..	2
Fitchburg,	27,146	5	3	..	1	..	..	..
Taunton,	26,972	10	1	..	2	..	..	..
Gloucester,	26,688	2	1	..	..	..	..	..
Waltham,	22,058	9	2	2	1	..	2	..
Quincy,	19,642	5	2	1	1	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	2	1	..	..	..	..	..
Everett,	16,585	5	1	1	3	..	..	..
Northampton,	16,331	5	1	..	2	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	5	0	1	2	..	1	..
Newburyport,	14,073	2	1	..	..	..	..	..
Brookline,	13,927	5	3	1	..	..	..	..
Medford,	12,618	5	2	1	1	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	2	0	..	1	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	4	1	1	1	..	..	1
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,491,333	564	173	80	132	10	33	15

DEATHS FROM PREVALENT DISEASES IN THE 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty deaths were reported from the principal infectious diseases; diphtheria and croup, 33; scarlet-fever, 15; diarrhœal diseases, 15; typhoid fever, 6; small-pox, 5; erysipelas, 4; cerebro-spinal meningitis and whooping-cough, 3 each; measles, 1.

There were 132 deaths from acute lung diseases; consumption, 74; and stillbirths, 36.

From typhoid fever: Lowell, 2; Boston, Lawrence, Quincy and Medford, 1 each. From small-pox: Boston, 3; Lowell, 2. From erysipelas: Boston, 3; Somerville, 1. From cerebro-spinal meningitis: Worcester, New Bedford and Everett, 1 each. From whooping-cough: Bostou, 2; Brookline, 1. From measles: Boston, 1.

Deaths from the principal iufectious diseases numbered 80, against 74 for the preceding week.

Deaths under five years of age numbered 173, against 182 for the preceding week.

Cases of small-pox reported during the week: Boston, Lowell aud Marlborough, 1 each.

The death rates for the week were: Boston, 24.43; Worcester, 19.45; Fall River, 16.04; Lowell, 23.06; Cambridge, 21.58; Lynn, 11.44; Springfield, 16.02; Lawrence, 15.05; Somerville, 15.21; New Bedford, 31.72; Holyoke, ——; Salem, 17.74; Brockton, ——; Haverhill, 13.24; Chelsea, 24.05; Malden, 12.38; Newtou, 20.75; Fitchburg, 9.57; Taunton, 19.29; Gloucester, 3.89; Waltham, 21.22; Quincy, 13.24; North Adams, ——; Pittsfield, 5.53; Everett, 15.67; Northampton, 15.92; Marlborough, ——; Chicopee, ——; Woburn, 17.99; Newburyport, 7.39; Medford, 20.60.

The death rate for the week was 19.67, against 22.95 and 23.37 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 20, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	30.10	25	32	18	61	50	56	W.	E.	14	4	C.	C.		0.00
Monday, 15,	30.10	36	45	28	69	77	73	S. W.	S. W.	14	10	O.	O.		0.00
Tuesday, 16,	30.00	40	44	36	96	77	86	W.	N.	4	17	G.	O.		0.26
Wednes'y, 17,	30.68	22	27	18	62	56	59	N.	N.	14	14	C.	C.		0.00
Thursday, 18,	30.54	28	37	18	66	78	72	N. W.	S. W.	4	10	O.	O.		T.
Friday, 19,	30.42	36	42	30	87	84	86	W.	N.	10	14	O.	C.		0.13
Saturday, 20,	30.63	26	32	20	52	71	62	N. W.	N. E.	9	6	C.	C.		0.00
Week, - -	30.35		37	24			70								0.39

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 27, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 4.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 27, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	222	65	24	58	..	13	6
Worcester,	96,217	39	16	5	13	..	1	..
Fall River,	87,411	53	19	4	10	3	..	..
Lowell,	87,191	..	..	..	..	..	..	..
Cambridge,	77,100	27	9	3	5	..	1	2
Lynn,	62,656	17	1	1	4	..	..	..
Springfield,	48,684	7	2	..	1	..	..	..
Lawrence,	48,355	21	..	3	2	2	..	..
Somerville,	47,847	13	4	2	1	..	1	..
New Bedford,	45,886	17	6	2	2	..	..	1
Holyoke,	41,278	11	5	2	7	..	1	..
Salem,	32,233	11	1	..	1	..	..	..
Brockton,	32,140	15	3	1	5	..	1	..
Haverhill,	31,396	11	4	1	3	..	..	..
Chelsea,	30,264	16	6	3	4	1	..	1
Malden,	29,394	7	2	1	1	..	..	..
Newton,	27,556	8	2	2	..	..	1	1
Fitchburg,	27,146	5	1	..	1	..	..	..
Taunton,	26,972	16	3	1	6	..	..	..
Gloucester,	26,688	10	1	..	..	..	..	..
Waltham,	22,058	6	0	1	1	..	..	..
Quincy,	19,642	2	0	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	5	1	2	2	1	1	..
Everett,	16,585	4	2	1	1	..	..	..
Northampton,	16,331	3	1	..	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	4	0	..	2	..	..	..
Newburyport,	14,073	6	0	..	1	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	3	0	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	2	1	1	..	..	1	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,452,099	561	155	60	132	7	21	11

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty deaths were reported from the principal infectious diseases; diphtheria and croup, 21; scarlet-fever, 11; cerebro-spinal meningitis, 8; diarrhœal diseases, 7; whooping-cough, 5; erysipelas, 3; measles and typhoid fever, 2 each; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 132 deaths from acute lung diseases; consumption, 72; and stillbirths, 28.

From cerebro-spinal meningitis: Worcester, 3; Lynn, New Bedford, Holyoke, Chelsea and Everett, 1 each. From whooping-cough: Boston, 3; Somerville and Taunton, 1 each. From erysipelas: Boston and Haverhill, 1 each. From measles: Worcester and Fall River, 1 each. From typhoid fever: Lawrence and Malden, 1 each. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 60, against 80 for the preceding week.

Deaths under five years of age numbered 155, against 173 for the preceding week.

Cases reported in Boston: scarlet-fever, 64; diphtheria, 55; measles, 28; typhoid fever, 17; and small-pox, 2.

The death rates for the week were: Boston, 23.68; Worcester, 21.07; Fall River, 31.49; Lowell, ——; Cambridge, 18.20; Lynn, 14.08; Springfield, 7.47; Lawrence, 22.58; Somerville, 14.13; New Bedford, 12.46; Holyoke, 13.84; Salem, 17.74; Brockton, 24.26; Haverhill, 18.21; Chelsea, 27.48; Malden, 12.38; Newton, 15.09; Fitchburg, 9.57; Taunton, 30.86; Gloucester, 19.48; Waltham, 14.14; Quincy, 5.29; North Adams, ——; Pittsfield, 13.82; Everett, 12.54; Northampton, 9.55; Marlborough, ——; Chicopee, ——; Woburn, 14.39; Newburyport, 22.17; Medford, 12.36.

The death rate for the week was 20.08, against 19.67 and 22.95 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 27, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	30.22	29	35	23	63	89	76	N.W.	N.W.	7	7	O.	O.		0.00
Monday, 22,	30.06	41	50	32	87	55	71	W.	W.	12	13	C.	C.		T.
Tuesday, 23,	30.44	34	37	31	65	73	69	N.W.	S. E.	5	5	O.	C.		0.00
Wednes'y, 24,	30.10	44	56	32	96	91	94	E.	S. W.	16	28	O.	R.		0.08
Thursday, 25,	30.33	26	31	20	41	53	47	N.W.	N.W.	14	12	C.	C.		0.34
Friday, 26,	30.54	26	32	19	52	68	60	N.W.	E.	10	21	T.	O.		T.
Saturday, 27,	30.05	24	28	19	97	87	92	N.	N.W.	21	5	N.	O.		0.80
Week, - -	30.25		38	25			73								1.22

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 3, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 5.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 3, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	ESTIMATED POPULATION.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	220	59	27	49	1	16	3
Worcester,	96,217	31	13	6	8	..	5	..
Fall River,	87,411	31	11	3	10	..	..	1
Lowell,	87,191	35	8	6	5	4	..	..
Cambridge,	77,100	37	10	4	12	..	3	1
Lynn,	62,656	14	0	1	1	..	..	..
Springfield,	48,684	17	2	1	3	1	..	..
Lawrence,	48,355	10	0	1	..	..	..	1
Somerville,	47,847	25	7	3	7	..	1	1
New Bedford,	45,886	19	5	1	4	..	..	1
Holyoke,	41,278	8	3	1	4	..	..	..
Salem,	32,233	14	4	..	3	..	..	..
Brockton,	32,140	7	0	..	..	..	..	..
Haverhill,	31,396	12	1	..	1	..	..	..
Chelsea,	30,264	7	0	1	1	..	..	..
Malden,	29,394	5	1	..	..	..	..	..
Newton,	27,556	12	2	2	1	..	2	..
Fitchburg,	27,146	..	..	..	..	..	..	..
Taunton,	26,972	17	2	..	5	..	..	..
Gloucester,	26,688	10	4	2	..	..	2	..
Waltham,	22,058	0	0	..	..	..	..	..
Quincy,	19,642	6	3	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	2	0	..	..	..	..	..
Everett,	16,585	5	1	..	1	..	..	..
Northampton,	16,331	5	1	..	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	4	1	..	1	..	..	..
Newburyport,	14,073	6	2	1	1	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	1	0	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	2	1	1	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,512,144	562	141	61	118	6	29	8

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-one deaths were reported from the principal infectious diseases; diphtheria and croup, 29; scarlet-fever, 8; typhoid fever, 6; cerebro-spinal meningitis, 6; whooping-cough, 5; diarrhœal diseases, 2; erysipelas, 2; small-pox, measles and puerperal fever, 1 each.

There were 118 deaths from acute lung diseases; consumption, 60; and stillbirths, 44.

From cerebro-spiual meningitis: Worcester, Lynn, Holyoke, Chelsea, Newburyport and Amesbury, 1 each. From whooping-cough: Boston, 4; Fall River, 1. From diarrhœal diseases: Fall River and Somerville, 1 each. From erysipelas: Boston and Lowell, 1 each. From small-pox: Boston, 1. From measles: Lowell, 1. From puerperal fever: Boston, 1.

Deaths from the principal infectious diseases numbered 61, against 60 for the preceding week.

Deaths under five years of age numbered 141, against 155 for the preceding week.

The death rates for the week were: Boston, 23.47; Worcester, 16.75; Fall River, 18.42; Lowell, 20.87; Cambridge, 24.95; Lynn, 11.61; Spriugfield, 18.15; Lawrence, 10.75; Somerville, 27.17; New Bedford, 21.53; Holyoke, 12.07; Salem, 22.58; Brockton, 11.32; Haverhill, 19.87; Chelsea, 12.02; Malden, 8.84; Newton, 22.64; Fitchburg, ——; Taunton, 32.79; Gloucester, 19.48; Waltham, ——; Quincy, 15.88; North Adams, ——; Pittsfield, 5.53; Everett, 15.68; Northampton, 15.92; Marlborough, ——; Chicopee, ——; Woburn, 14.39; Newburyport, 22.17; Medford, 4.12.

The death rate for the week was 19.32, against 20.08 and 19.67 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 3, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Jan. 28,	30.38	25.5	32	19	60	56	58	W.	W.	10	8	C.	C.		0.00
Monday, 29,	30.10	27.5	36	19	73	100	86	N.W.	N.E.	5	25	O.	N.		0.36
Tuesday, 30,	29.08	30.5	38	23	100	70	85	N.	W.	17	25	N.	C.		0.74
Wednes'y, 31,	29.88	31.5	38	25	60	60	60	W.	W.	15	13	C.	C.		0.00
Thursday, Feb. 1,	29.96	26.5	30	23	60	60	60	N.	N.W.	9	8	O.	C.		T.
Friday, 2,	30.17	23.0	30	16	83	47	65	W.	S.W.	10	10	C.	C.		0.00
Saturday, 3,	29.80	32.0	41	23	81	60	70	S.	W.	12	9	O.	O.		T.
Week, - -	29.91		35	21			69								1.10

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 7 smaller towns of Massachusetts, as reported to the State Board of Health for the month of January.

The total death-rate of reporting towns for the month was 11.92.

TOWNS.	Estimated Population for 1893.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from					
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Scarlet-fever.	Typhoid Fever.	Diphtheria and Croup.
Marblehead,	8,445	6	0	1	..	1	1	..	..
Revere,	8,224	3	0	1	1	..	..	1	..
Middleborough,	6,256	4	1	..	..	..	..	..	..
Orange,	5,174	7	1	..	1	1	..	..	..
Hudson,	4,902	8	2	3	..	1	..	..	2
Concord,	4,627	9	1	1	3	..	..	..	..
Merrimac,	2,633	3	0	..	..	..	..	..	..
Total of reporting towns,	40,261	40	5	6	5	3	1	1	2

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 10, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of January.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 6.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 10, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	245	73	27	59	3	8	9
Worcester,	96,217	31	9	6	7	1	3	..
Fall River,	87,411	35	14	4	8	1	2	..
Lowell,	87,191	..	..	..	..	..	..	..
Cambridge,	77,100	29	12	6	3	..	..	4
Lynn,	62,656	10	4	3	..	1	1	..
Springfield,	48,684	13	3	..	3	..	..	..
Lawrence,	48,355	15	3	..	3	..	..	..
Somerville,	47,847	18	4	4	4	..	2	..
New Bedford,	45,886	19	7	1	2	..	..	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	10	..	..	1	..	..	..
Brockton,	32,140	12	3	1	..	..	1	..
Haverhill,	31,396	4	0	..	1	..	..	..
Chelsea,	30,264	10	0	..	1	..	..	..
Malden,	29,394	7	1	..	2	..	..	..
Newton,	27,556	4	0	..	1	..	..	..
Fitchburg,	27,146	..	..	..	..	..	..	..
Taunton,	26,972	9	1	..	3	..	..	..
Gloucester,	26,688	3	1	..	..	..	..	..
Waltham,	22,058	2	0	..	..	..	..	..
Quincy,	19,642	6	1	2	..	1	1	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	4	1	..	..	..	..	..
Everett,	16,585	8	1	1	..	..	..	1
Northampton,	16,331	2	0	..	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	9	4	..	3	..	..	..
Newburyport,	14,073	5	2	..	2	..	..	..
Brookline,	13,927	4	1	..	2	..	..	..
Medford,	12,618	6	0	..	2	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	4	3	..	1	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	2	1	1	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,409,136	526	149	56	109	7	18	14

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-six deaths were reported from the principal infectious diseases; diphtheria and croup, 18; scarlet-fever, 14; typhoid fever, 7; cerebro-spinal meningitis, 5; diarrhœal diseases, 5; whooping-cough, 4; puerperal fever, 2; erysipelas, 1.

No deaths were reported from small-pox and malarial fever.

There were 109 deaths from acute lung diseases; consumption, 56; and stillbirths, 37.

From cerebro-spinal meningitis: Worcester, 2; Lynn, Somerville and Amesbury, 1 each. From diarrhœal diseases: Cambridge, 2; Boston, Fall River and New Bedford, 1 each. From whooping-cough: Boston, 4. From puerperal fever: Boston and Somerville, 1 each. From erysipelas: Boston, 1.

Deaths from the principal infectious diseases numbered 56, against 61 for the preceding week.

Deaths under five years of age numbered 149, against 141 for the preceding week.

The death rates for the week were: Boston, 26.13; Worcester, 16.75; Fall River, 20.70; Lowell, ——; Cambridge, 19.55; Lynn, 8.29; Springfield, 13.88; Lawrence, 16.13; Somerville, 19.56; New Bedford, 21.53; Holyoke, ——; Salem, 16.13; Brockton, 19.41; Haverhill, 6.62; Chelsea, 17.18; Malden, 12.38; Newton, 7.54; Fitchburg, ——; Taunton, 17.30; Gloucester, 5.84; Waltham, 4.71; Quincy, 9.88; North Adams, ——; Pittsfield, 11.06; Everett, 25.08; Northampton, 6.36; Marlborough, ——; Chicopee, ——; Woburn, 32.38; Newburyport, 18.47; Medford, 24.72.

The death rate for the week was 20.12, against 19.32 and 20.08 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 10, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	29.80	32	37	27	61	94	78	N. W.	N.	3	9	O.	N.		0.11
Monday, 5,	30.28	16	22	11	52	55	54	N.	W.	17	10	F.	C.		0.07
Tuesday, 6,	30.36	21	33	9	48	60	54	W.	S. W.	3	12	C.	C.		0.00
Wednes'y, 7,	30.10	35	45	25	74	69	72	S. W.	S. W.	13	17	C.	O.		0.00
Thursday, 8,	29.96	43	50	36	76	62	69	S. W.	W.	10	12	R.	C.		T.
Friday, 9,	30.07	36	39	32	74	99	86	N.	N. E.	3	23	O.	R.		0.28
Saturday, 10,	29.84	35	38	32	100	95	98	E.	N. W.	15	7	R.	O.		0.26
Week, - -	30.06		38	25			73								0.72

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of January: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	97	80	177	Maple Syrup,	5	0	5
Butter,	8	0	8	Canned Goods,	0	1	1
Cheese,	1	..	1	Honey,	4	0	4
Lard,	..	..	..	Tea,	4	0	4
Olive Oil,	1	0	1	Coffee,	5	0	5
Vinegar,	1	1	2	Cocoa,	2	0	2
Spices,	80	12	92	Confectionery,	12	0	12
Cream of Tartar,	28	1	29	Other articles of Food and Drinks,	25	5	30
Molasses,	6	0	6	Drugs,	24	6	30
Syrups,	..	..	..				
Maple Sugar,	6	2	8				
				Totals,	309	108	417

Percentage of adulteration, 25.9. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 45.2 per cent., against 60.2 per cent. for the preceding month; while the percentage of other articles of food and drugs was 11.6.

Four complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Three of these were for violation of the statutes relative to the sale of Mustard and one of Milk. Fines were imposed amounting to $60.

The samples of drugs found to be adulterated were Chloroform, Solution of Magnesia Citrate and Syrup.

The cities and towns from which samples of food were collected were Boston, Cambridge, Chelsea, Medford, Newton, Salem, Somerville, Taunton, Waltham, Abington, Arlington, Bedford, Brookline, Marblehead, Palmer, Revere, Swampscott and Ware.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 17, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 7.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 17, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	214	66	27	54	1	14	4
Worcester,	96,217	29	10	4	4	1	2	..
Fall River,	87,411	41	19	3	7	2	..	..
Lowell,	87,191	..	..	..	..	..	..	..
Cambridge,	77,100	38	16	8	8	..	..	7
Lynn,	62,656	19	..	3	2	..	1	..
Springfield,	48,684	15	4	..	3	..	..	..
Lawrence,	48,355	21	1	5	3	..	..	..
Somerville,	47,847	16	5	5	1	..	1	1
New Bedford,	45,886	19	7	4	3	1	..	3
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	10	..	1	2	..	..	1
Brockton,	32,140	8	2	1	2	..	1	..
Haverhill,	31,396	12	3	..	1	..	..	..
Chelsea,	30,264	14	5	..	6	..	..	..
Malden,	29,394	7	1	..	2	..	..	..
Newton,	27,556	5	0	..	..	..	..	..
Fitchburg,	27,146	..	..	..	..	..	..	..
Taunton,	26,972	7	0	..	1	..	..	..
Gloucester,	26,688	11	0	1	2	..	..	..
Waltham,	22,058	7	3	1	1	..	1	..
Quincy,	19,642	6	1	1	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	2	2	1	..	1	..	..
Everett,	16,585	7	2	..	1	..	..	..
Northampton,	16,331	3	1	..	..	..	..	..
Marlborough,	15,308	5	1	2	2	1	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	4	0	..	..	..	..	..
Newburyport,	14,073	5	1	..	1	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	2	0	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	4	1	..	3	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	2	0	..	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,410,517	533	151	67	109	7	20	16

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-seven deaths were reported from the principal infectious diseases; diphtheria and croup, 20; scarlet-fever, 16; cerebro-spinal meningitis, 8; diarrhœal diseases, 7; typhoid fever, 5; whooping-cough, 5; puerperal fever, 4; erysipelas, 2.

There were no deaths from small-pox, malarial fever and measles.

There were 109 deaths from acute lung diseases; consumption, 77; and stillbirths, 30.

From cerebro-spinal meningitis: Lynn and Somerville, 2 each; Worcester, Gloucester, Quincy and Marlborough, 1 each. From typhoid fever: Lawrence, 3; Boston and Cambridge, 1 each. From whooping-cough: Boston, 4; Fall River, 1. From puerperal fever: Lawrence, 2; Somerville and Boston, 1 each. From erysipelas: Boston, 2.

Deaths from the principal infectious diseases numbered 67, against 56 for the preceding week.

Deaths under five years of age numbered 151, against 149 for the preceding week.

Cases reported during the week in Boston were: scarlet-fever, 37; diphtheria, 20; measles, 7; and typhoid fever, 5.

The death rates for the week were: Boston, 22.83; Worcester, 15.67; Fall River, 24.36; Lowell, ——; Cambridge, 25.62; Lynn, 15.76; Springfield, 16.02; Lawrence, 22.57; Somerville, 17.39; New Bedford, 21.53; Holyoke, ——; Salem, 16.13; Brockton, 12.94; Haverhill, 19.87; Chelsea, 24.05; Malden, 12.38; Newton, 9.43; Fitchburg, ——; Taunton, 13.50; Gloucester, 21.42; Waltham, 16.40; Quincy, 15.88; North Adams, ——; Pittsfield, 5.53; Everett, 21.94; Northampton, 9.55; Marlborough, 16.98; Chicopee, ——; Woburn, 14.39; Newburyport, 18.47; Medford, 8.24.

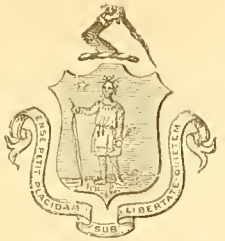
The death rate for the week was 19.64, against 20.12 and 19.32 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 17, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	29.98	34	38	30	67	67	67	W.	W.	23	16	O.	C.		T.
Monday, 12,	30.22	21	27	15	67	100	84	N.W.	N. E.	11	24	C.	N.		0.16
Tuesday, 13,	30.10	18	28	8	100	60	80	N.	N.W.	20	17	N.	O.		0.72
Wednes'y, 14,	30.37	17	25	9	77	87	82	N.W.	N. E.	5	4	O.	N.		T.
Thursday, 15,	29.45	31	38	24	100	89	94	N.E.	W.	22	12	N.	O.		0.86
Friday, 16,	29.98	18	25	11	57	66	62	N.W.	N.W.	20	17	F.	C.		0.00
Saturday, 17,	30.42	18	35	1	69	73	71	S.W.	S.W.	6	12	F.	F.		0.00
Week, - -	30.17		31	14			77								1.74

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 24, 1894.

AN OFFICIAL PUBLICATION OF THE

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MORTALITY OF MASSACHUSETTS

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				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	240	80	22	51	1	11	4
Worcester,	96,217	39	14	8	8	1	1	..
Fall River,	87,411	46	23	1	14	..	..	..
Lowell,	87,191	42	16	6	5	4	..	..
Cambridge,	77,100	24	10	9	2	..	4	2
Lynn,	62,656	22	3	1	1	..	..	..
Springfield,	48,684	12	1	1	1	..	..	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	16	5	3	1	..	1	1
New Bedford,	45,886	24	7	2	4	1	..	..
Holyoke,	41,278	13	2	5	2	..	..	..
Salem,	32,233	12	5	1	..	..	1	..
Brockton,	32,140	12	1	..	3	..	..	..
Haverhill,	31,396	10	2	1	2	..	..	1
Chelsea,	30,264	11	2	2	1	1	..	..
Malden,	29,394	4	0	1	1	1	..	..
Newton,	27,556	6	0	..	1	..	..	..
Fitchburg,	27,146	3	0	..	..	..	..	..
Taunton,	26,972	12	2	..	..	..	..	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	3	1	..	..	..	..	..
Quincy,	19,642	7	3	..	1	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	3	0	1	..	..	..	..
Everett,	16,585	5	3	1	..	..	..	..
Northampton,	16,331	4	0	..	..	..	..	..
Marlborough,	15,308	3	0	1	1	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	3	0	..	1	..	..	..
Newburyport,	14,073	5	1	..	..	..	..	..
Brookline,	13,927	1	0	..	..	..	..	..
Medford,	12,618	3	0	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	..	..	..	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,482,562	585	181	66	100	9	18	8

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-six deaths were reported from the principal infectious diseases; diphtheria and croup, 18; typhoid fever, 9; scarlet-fever, 8; cerebro-spinal meningitis, 8; diarrhœal diseases, 7; whooping-cough, 4; measles, 4; puerperal fever, 4; erysipelas, 2; malarial fever, 1; small-pox, 1.

There were 100 deaths from acute lung diseases; consumption, 78; and stillbirths, 25.

From cerebro-spinal meningitis: Holyoke, 2; Worcester, Lynn, New Bedford, Chelsea, Pittsfield and Everett, 1 each. From diarrhœal diseases: Lowell and Cambridge, 2 each; Boston, Worcester and Marlborough, 1 each. From whooping-cough: Boston, 2; Lowell and Somerville, 1 each. From measles: Worcester, 4. From puerperal fever: Holyoke, 3; Cambridge, 1. From erysipelas: Boston, 2. From malarial fever: Springfield, 1. From small-pox: Boston, 1.

Deaths from the principal infectious diseases numbered 66, against 67 for the preceding week.

Deaths under five years of age numbered 181, against 151 for the preceding week.

Boston reported 11 cases of small-pox during the week.

The death rates for the week were: Boston, 25.60; Worcester, 21.07; Fall River, 24.95; Lowell, 25.04; Cambridge, 16.18; Lynn, 18.25; Springfield, 12.81; Lawrence, ——; Somerville, 17.39; New Bedford, 27.19; Holyoke, 16.36; Salem, 19.35; Brockton, 19.41; Haverhill, 16.56; Chelsea, 18.89; Malden, 7.07; Newton, 11.32; Fitchburg, 5.74; Taunton, 23.14; Gloucester, ——; Waltham, 7.07; Quincy, 18.52; North Adams, ——; Pittsfield, 8.29; Everett, 15.67; Northampton, 12.73; Marlborough, 10.19; Chicopee, ——; Woburn, 10.79; Newburyport, 18.47; Medford, 12.36.

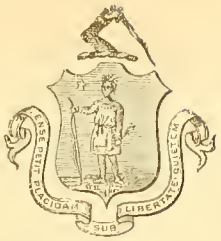
The death rate for the week was 20.53, against 19.64 and 20.12 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Feb. 24, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	30.00	43	51	35	86	46	66	S. W.	N. W.	26	18	R.	O.		0.28
Monday, 19,	30.04	40	47	33	66	100	83	S. W.	S.	2	13	O.	R.		0.16
Tuesday, 20,	30.12	34	38	31	68	42	55	W.	W.	22	12	C.	O.		0.14
Wednes'y, 21,	30.07	32	37	28	72	53	62	S. W.	N. W.	5	10	N.	O.		T.
Thursday, 22,	30.14	26	31	20	50	62	56	N.	S. W.	8	9	F.	C.		0.00
Friday, 23,	30.15	20	29	12	46	41	44	W.	W.	14	25	C.	C.		T.
Saturday, 24,	30.69	Zero	6	−7	74	48	61	N. W.	N. W.	22	18	C.	C.		0.00
Week, - -	30.17		34	22			62								0.58

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, March 3, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 9

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 3, 1894.

Deaths reported to the State Board of Health in 24 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	231	73	29	47	1	18	1
Worcester,	96,217	27	8	2	11	..	..	..
Fall River,	87,411	26	10	4	5	2	2	..
Lowell,	87,191	32	5	6	6	..	1	1
Cambridge,	77,100	39	15	2	9	..	..	2
Lynn,	62,656	19	7	4	2	..	..	..
Springfield,	48,684	11	3	1	2	1	..	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	20	4	2	3	1	1	..
New Bedford,	45,886	22	5	2	2	..	..	2
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	6	2	1	..	1	..	..
Brockton,	32,140	..	..	..	..	..	..	..
Haverhill,	31,396	8	2	1	2	..	1	..
Chelsea,	30,264	..	..	..	..	..	..	..
Malden,	29,394	10	2	..	..	..	..	..
Newton,	27,556	12	1	1	1	..	1	..
Fitchburg,	27,146	9	4	1	2	1	..	..
Taunton,	26,972	9	3	1	..	..	..	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	6	2	..	1	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	3	0	..	2	..	..	..
Everett,	16,585	4	2	2	..	..	2	..
Northampton,	16,331	5	1	..	..	..	..	..
Marlborough,	15,308	5	0	2	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	4	1	..	..	..	..	..
Newburyport,	14,073	2	1	..	1	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	6	3	1	2	..	..	1
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly.	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	2	1	..	1	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,356,231	518	155	62	99	7	26	7

DEATHS FROM PREVALENT DISEASES IN THE 24 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-two deaths were reported from the principal infectious diseases; diphtheria and croup, 26; diarrhœal diseases, 7; scarlet-fever, 7; cerebro-spinal meningitis, 7; small-pox, 4; erysipelas, 3; measles, 2; whooping-cough and puerperal fever, 1 each.

No deaths were reported from malarial fever.

There were 99 deaths from acute lung diseases; consumption, 66; and stillbirths, 36.

From cerebro-spinal meningitis: Lynn, 4; Boston, Worcester and Marlborough, 1 each. From small-pox: Boston, 4. From erysipelas: Boston, 2; Taunton, 1. From measles: Boston and Worcester, 1 each. From whooping-cough: Boston, 1. From puerperal fever: Marlborough, 1.

Deaths from the principal infectious diseases numbered 62, against 66 for the preceding week.

Deaths under five years of age numbered 155, against 181 for the preceding week.

The death rates for the week were: Boston, 24.64; Worcester, 14.59; Fall River, 15.44; Lowell, 19.08; Cambridge, 26.30; Lynn, 15.76; Springfield, 11.74; Lawrence, ——; Somerville, 21.74; New Bedford, 24.93; Holyoke, ——; Salem, 9.67; Brockton, ——; Haverhill, 13.24; Chelsea, ——; Malden, 17.69; Newton, 22.64; Fitchburg, 17.23; Taunton, 17.36; Gloucester, ——; Waltham, 14.14; Quincy, ——; North Adams, ——; Pittsfield, 8.29; Everett, 12.54; Northampton, 15.92; Marlborough, 16.98; Chicopee, ——; Woburn, 14.39; Newburyport, 7.39; Medford, 24.72.

The death rate for the week was 19.86, against 20.53 and 19.64 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, March 3, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, Feb. 25,	30.70	8	23	–6	33	47	40	N. W.	S. W.	7	7	C.	O.		0.00
Monday, 26,	30.14	23	29	17	87	50	68	N. E.	N.	10	18	O.	O.		0.11
Tuesday, 27,	30.43	26	31	20	53	72	62	N.	S. E.	12	7	C.	C.		0.00
Wednes'y, 28,	30.34	34	44	25	74	80	77	S. W.	S. W.	5	10	O.	C.		0.00
Thursday, Mar. 1,	30.16	39	44	34	76	82	79	S. W.	S. W.	6	4	F.	C.		0.00
Friday, 2,	29.92	44	55	32	74	61	68	S. W.	W.	6	14	F.	C.		T.
Saturday, 3,	30.18	44	50	39	65	54	60	N. W.	N. W.	15	15	C.	C.		0.00
Week, - -	30.25		39	23			65								0.11

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 7 smaller towns of Massachusetts, as reported to the State Board of Health for the month of February.

The total death-rate of reporting towns for the month was 8.80.

TOWNS.	Estimated Population for 1893.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Heart Disease.	Influenza.
Marblehead,	8,445	5	1	..	..	2	2	..
Middleborough,	6,256	5	0	..	1	..	..	..
Orange,	5,174	3	0	..	..	..	..	1
Hudson,	4,902	3	1	..	..	..	..	..
Concord,	4,627	2	1	..	1	..	..	1
Merrimac,	2,633	3	0	..	..	..	..	..
Norton,	2,037	4	0	..	1	..	..	..
Total of reporting towns,	34,074	25	3	..	3	2	2	2

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 10, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of February.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 10.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
ELIJAH U. JONES, M.D., Taunton.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 10, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	237	74	20	51	1	14	2
Worcester,	96,217	30	19	6	8	1	..	..
Fall River,	87,411	31	18	4	8	3	..	..
Lowell,	87,191	38	15	1	5	..	1	..
Cambridge,	77,100	26	10	4	..	1	..	1
Lynn,	62,656	..	..	..	..	..	..	..
Springfield,	48,684	19	2	1	..	..	..	..
Lawrence,	48,355	14	4	2	2	..	..	..
Somerville,	47,847	23	8	5	6	..	2	1
New Bedford,	45,886	20	10	2	5	..	1	1
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	12	3	1	5	..	..	..
Brockton,	32,140	10	2	1	..	..	1	..
Haverhill,	31,396	8	..	..	2	..	..	..
Chelsea,	30,264	12	5	1	4	..	..	..
Malden,	29,394	10	2	3	2	..	1	..
Newton,	27,556	9	4	1	..	..	..	..
Fitchburg,	27,146	5	..	..	..	..	..	..
Taunton,	26,972	7	4	1	3	..	..	..
Gloucester,	26,688	6	1	..	..	..	..	..
Waltham,	22,058	5	1	..	1	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	1	1	..	..	..	..	..
Everett,	16,585	10	4	2	1	..	..	..
Northampton,	16,331	5	2	..	2	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	9	3	3	3	..	..	..
Newburyport,	14,073	6	1	..	..	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	5	2	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	8	..	2	2	..	..	..
Clinton,	11,357	2	1	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	0	..	..	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,438,605	568	196	60	111	6	20	5

DEATHS FROM PREVALENT DISEASES IN THE 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty deaths were reported from the principal infectious diseases; diphtheria and croup, 20; diarrhœal diseases, 6; scarlet-fever, 5; measles, 3; typhoid fever, 5; small-pox, 2; erysipelas, 2; whooping-cough, 3; cerebro-spinal meningitis, 7; influenza and puerperal fever, 2 each.

There were no deaths from malarial fever.

There were 111 deaths from acute lung diseases; and 75 from phthisis.

The deaths from typhoid fever occurred in the following places: Lawrence, 2; Springfield, Salem and Hyde Park, 1 each. The two deaths from small-pox were reported from Boston.

The deaths under five years of age were 196, as compared with 155 for the preceding week.

The stillbirths were 46.

The death rates for the week were as follows: Boston, 25.3; Worcester, 16.2; Fall River, 18.4; Lowell, 22.6; Cambridge, 17.5; Lynn, 15.7; Springfield, 20.3; Lawrence, 15; Somerville, 25; New Bedford, 22.6; Holyoke, ——; Salem, 19.3; Brockton, 16.2; Haverhill, 13.2; Chelsea, 20.6; Malden, 17.7; Newton, 17.0; Fitchburg, 9.6; Taunton, 13.5; Gloucester, 11.7; Waltham, 11.8; Quincy, ——; North Adams, ——; Everett, 31.3; Northampton, 15.9; Woburn, 32.4; Newburyport, 22.3; Medford, 20.6; Hyde Park, 36.1.

The death rate for the week was 20.53, as compared with 19.86 and 20.53 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 10, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	7.	Measles,	65.
Scarlet-fever,	139.	Typhoid fever,	44.
Diphtheria and croup,	73.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Mar. 10, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	30.44	44	56	32	59	39	49	W.	S. W.	9	15	C.	C.		0.00
Monday, 5,	30.34	54	65	43	51	48	50	W.	S. W.	16	12	F.	O.		0.00
Tuesday, 6,	30.20	57	70	44	64	75	70	S. W.	S. W.	10	17	F.	C.		0.00
Wednes'y, 7,	30.30	54	60	47	77	55	66	S. W.	W.	16	11	C.	C.		T.
Thursday, 8,	30.06	39	43	35	85	87	86	N.	E.	10	4	O.	O.		0.00
Friday, 9,	30.20	38	42	35	90	87	88	N. E.	E.	7	9	O.	O.		0.00
Saturday, 10,	30.26	39	42	36	94	86	90	E.	S. E.	5	5	O.	O.		0.01
Week, - -															

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of February: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	73	108	181	Maple Syrup,	4	..	4
Butter,	31	0	31	Canned Goods,	..	..	..
Cheese,	2	..	2	Honey,	2	..	2
Lard,	7	3	10	Tea,	1	..	1
Olive Oil,	2	..	2	Coffee,	1	..	1
Vinegar,	7	4	11	Cocoa and Chocolate,	1	..	1
Spices,	75	11	86	Confectionery,	17	..	17
Cream of Tartar,	15	..	15	Other articles of Food and Drinks,	33	4	37
Molasses,	11	..	11	Drugs,	23	2	25
Syrups,	..	..	..				
Maple Sugar,	4	..	4				
				Totals,	309	132	441

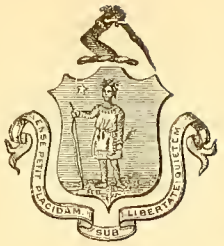
Percentage of adulteration, 30. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 60 per cent. Of the whole number, 81 samples had between 12 and 13 per cent. of solids. Twenty-nine samples of cream were examined, of which all except two proved to be of good quality.

Four complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs, all of which resulted in conviction. All of these were for violation of the laws relative to the sale of Milk. One hundred dollars were paid in fines.

The samples of drugs examined were Ether, Alcohol, Chloroform and Oxide of Zinc.

The cities and towns from which samples of food and drugs were collected were Boston, Waltham, Northampton, Chelsea, Cambridge, Lawrence, Newton, Somerville, Malden, Salem, Medford, Everett, Brookline, Hyde Park, Revere and Concord.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 17, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 11.

STATE BOARD OF HEALTH.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 17, 1894.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	207	70	19	50	1	9	5
Worcester,	96,217	22	7	..	10	..	..	..
Fall River,	87,411	31	12	11	1	7	1	1
Lowell,	87,191	33	12	4	7	2	..	..
Cambridge,	77,100	22	10	5	8	1	..	2
Lynn,	62,656	15	3	..	2	..	..	..
Springfield,	48,684	18	6	1	3	..	..	..
Lawrence,	48,355	10	4	1	..	..	..	..
Somerville,	47,847	13	3	4	1	..	2	1
New Bedford,	45,886	19	7	..	3	..	..	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	9	2	1	..	..	..	..
Brockton,	32,140	10	2	..	1	..	..	..
Haverhill,	31,396	9	2	1	1	..	1	..
Chelsea,	30,264	..	..	..	..	..	..	..
Malden,	29,394	9	2	2	2	..	..	..
Newton,	27,556	6	2	1	2	..	1	..
Fitchburg,	27,146	8	2	2	1	..	1	..
Taunton,	26,972	10	3	..	2	..	..	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	5	3	..	1	..	..	..
Quincy,	19,642	6	1	1	..	..	..	1
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	5	2	..	..	..	..	..
Everett,	16,585	5	2	..	3	..	..	..
Northampton,	16,331	..	..	..	..	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	6	..	..	..	..	..	..
Newburyport,	14,073	5	2	..	1	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	4	1	2	1	..	1	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	3	1	..	1	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	2	..	..	1	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,436,086	492	161	55	102	11	16	10

DEATHS FROM PREVALENT DISEASES IN 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-five deaths were reported from the principal infectious diseases; diphtheria and croup, 16; diarrhœal diseases, 11; scarlet-fever, 10; measles, 1; typhoid fever, 6; small-pox, 0; erysipelas, 1; whooping-cough, 3; cerebro-spinal meningitis, 4; puerperal fever, 2.

No deaths were reported from malarial fever.

The deaths from typhoid fever occurred in the following places: Fall River, Lowell, Salem, Lawrence, Malden and Fitchburg, 1 each.

The deaths of children under five years of age were 161, as compared with 196 for the preceding week.

The stillbirths reported were 39.

There were 102 reported deaths from acute lung diseases, and 62 from phthisis.

The death rates for the week were follows: — For all the reporting cities and towns 17.81, as compared with 20.53 and 19.86 for the two previous weeks. For Boston it was 22.8; Worcester, 11.8; Fall River, 18.4; Lowell, 19.7; Cambridge, 14.8; Lynn, 12.4; Springfield, 19.2; Lawrence, 10.7; Somerville, 14.1; New Bedford, 21.5; Salem, 14.5; Brockton, 16.2; Haverhill, 14.9; Malden, 15.9; Newton, 11.3; Fitchburg, 15.3; Taunton, 19.2; Waltham, 11.7; Quincy, 15.9; Pittsfield, 13.8; Everett, 15.7; Woburn, 21.5; Newburyport, 18.4; Medford, 16.3; Clinton, 13.7; Amesbury, 9.5.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 17, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

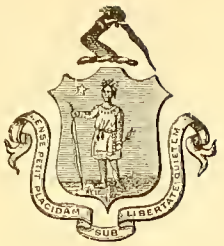
Small-pox,	16.	Measles,	59.
Scarlet-fever,	146.	Typhoid fever,	29.
Diphtheria and croup,	57.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Mar. 17, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	30.02	50	62	39	86	88		87	S. E.	S. W.		10	15		O.	R.			0.01
Monday, 12,	29.94	44	51	40	77	67		72	W.	N. E.		10	6		F.	F.			0.01
Tuesday, 13,	29.86	36	42	33	82	74		78	N. W.	S.		5	16		F.	F.			0.00
Wednes'y, 14,	29.66	40	44	36	72	60		66	W.	N. W.		14	26		O.	O.			0.10
Thursday, 15,	30.06	38	45	28	53	91		72	N. W.	S. W.		14	10		C.	N.			0.07
Friday, 16,	29.85	42	52	33	89	52		70	S. W.	W.		7	16		O.	C.			0.01
Saturday, 17,	30.24	45	54	36	54	67		60	W.	S. E.		12	6		F.	O.			0.00
Week, - -																			

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 24, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 12.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 24, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	235	78	29	45	1	13	4
Worcester,	96,217	25	8	3	4	..	2	..
Fall River,	87,411	53	21	13	14	7	1	..
Lowell,	87,191	33	14	1	9	..	..	1
Cambridge,	77,100	24	12	3	5	..	1	..
Lynn,	62,656	14	5	2	5	..	..	..
Springfield,	48,684	3	3	..	1	..	..	..
Lawrence,	48,355	21	11	..	2	..	..	..
Somerville,	47,847	17	5	4	3	..	..	3
New Bedford,	45,886	10	4	1	2	..	..	1
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	11	1	1	1	..	1	..
Brockton,	32,140	12	3	..	..	..	..	..
Haverhill,	31,396	13	5	..	1	..	..	..
Chelsea,	30,264	..	..	..	..	..	..	..
Malden,	29,394	8	1	..	2	..	..	..
Newton,	27,556	8	2	1	..	..	1	..
Fitchburg,	27,146	5	1	..	..	..	..	..
Taunton,	26,972	9	1	..	..	..	..	..
Gloucester,	26,688	13	6	1	..	..	..	..
Waltham,	22,058	3	0	..	..	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	2	2	..	..	..	..	..
Everett,	16,585	9	3	2	1	..	..	..
Northampton,	16,331	3	0	..	..	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	1	0	1	..	..	1	..
Newburyport,	14,073	..	..	..	..	..	..	..
Brookline,	13,927	5	0	..	1	..	..	..
Medford,	12,618	3	1	1	..	..	1	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	6	2	..	3	..	..	..
Clinton,	11,357	..	..	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	5	1	..	2	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,459,494	551	190	63	101	8	21	9

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-three deaths were reported from the principal infectious diseases; diphtheria and croup, 21; scarlet-fever, 9; diarrhœal diseases, 8; cerebro-spinal meningitis, whooping-cough and erysipelas, 5 each; small-pox, 4; typhoid fever, 3; measles, 2; puerperal fever, 1.

No deaths were reported from malarial fever.

There were 101 deaths from acute lung diseases, and 84 from phthisis.

The deaths from cerebro-spinal meningitis occurred in the following places: Everett, 2; Boston, Worcester and Lynn, 1 each. From whooping-cough: Fall River, 2; Boston, Cambridge and Gloucester, 1 each. From erysipelas: Boston, 4; Somerville, 1. From small-pox: Boston, 3; Lynn, 1. From typhoid fever: Boston, Fall River and Lowell, 1 each. From measles: Fall River, 2. From puerperal fever: Boston, 1.

The deaths under five years of age were 190, as compared with 161 for the preceding week.

The death rates for the week were as follows: Boston, 25.07; Worcester, 13.51; Fall River, 31.48; Lowell, 19.68; Cambridge, 16.18; Lynn, 11.61; Springfield, 3.20; Lawreuce, 18.47; Somerville, 18.47; New Bedford, 11.32; Holyoke, ——; Salem, 17.74; Brockton, 19.41; Haverhill, 21.52; Chelsea, ——; Malden, 14.15; Newton, 15.09; Fitchburg, 9.57; Taunton, 17.36; Gloucester, 25.32; Waltham, 7.07; Quincy, ——; North Adams, ——; Pittsfield, 5.53; Everett, 28.21; Northampton, ——; Marlborough, ——; Chicopee, ——; Woburn, 3.59; Newburyport, ——; Medford, 12.36.

The death rate for the week was 19.63, against 17.81 and 20.53 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH FROM 42 CITIES AND TOWNS FOR THE WEEK ENDING MARCH 24, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

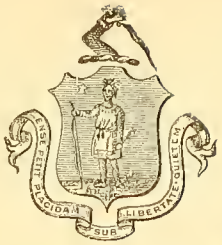
Small-pox,	6.	Measles,	43.
Scarlet-fever,	167.	Typhoid fever,	18.
Diphtheria aud croup,	52.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Mar. 24, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	30.16	50	62	38	61	87	74	S. W.	S. W.	5	16	F.	O.		0.00
Monday, 19,	29.82	62	70	53	88	60	74	S. W.	N. W.	15	13	O.	C.		0.00
Tuesday, 20,	30.28	42	47	37	43	58	50	N.	S.	14	11	O.	F.		0.00
Wednes'y, 21,	30.14	41	45	37	74	100	87	S. E.	N. E.	10	4	O.	R.		0.04
Thursday, 22,	30.00	44	52	35	76	91	88	N.	N. E.	18	19	O.	Sleeting		0.03
Friday, 23,	29.76	40	46	34	89	62	76	S. E.	W.	19	19	R.	C.		0.48
Saturday, 24,	30.16	36	43	30	35	69	52	N. W.	S. E.	13	8	O.	C.		0.00
Week, - -	30.05		52	38			71								0.55

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 31, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 13.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending March 31, 1894.

Deaths reported to the State Board of Health in 24 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	487,397	212	71	20	54	1	3	11
Worcester,	96,217	25	9	1	5	..	..	1
Fall River,	87,411	..	..	..	..	..	..	..
Lowell,	87,191	32	8	3	6	..	2	..
Cambridge,	77,100	31	13	7	4	1	..	2
Lynn,	62,656	9	7	..	3	..	..	..
Springfield,	48,684	12	3	1	1	..	1	..
Lawrence,	48,355	8	2	2	4	2	..	..
Somerville,	47,847	15	5	2	2	..	..	..
New Bedford,	45,886	13	5	2	2	2	..	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	11	2	1	..	1	..	..
Brockton,	32,140	..	..	..	..	..	..	..
Haverhill,	31,396	10	6	1	4	..	..	..
Chelsea,	30,264	..	..	..	..	..	..	..
Malden,	29,394	10	2	1	2	..	1	..
Newton,	27,556	11	5	..	2	..	..	..
Fitchburg,	27,146	..	..	..	..	..	..	..
Taunton,	26,972	8	2	1	1	1	..	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	7	5	..	..	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	2	0	1	..	..	..	..
Everett,	16,585	..	..	..	..	..	..	..
Northampton,	16,331	2	1	..	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	2	0	..	1	..	..	..
Newburyport,	14,073	3	0	..	..	..	..	..
Brookline,	13,927	5	0	..	..	..	..	..
Medford,	12,618	1	1	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	6	3	..	..	..	..	..
Clinton,	11,357	3	1	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	5	0	..	3	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,294,954	443	151	43	95	8	7	14

DEATHS FROM PREVALENT DISEASES IN 24 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-three deaths were reported from the principal infections diseases; diphtheria and croup, 14; diarrhœal diseases, 8; typhoid fever, 7; scarlet-fever, 5; whooping-cough, 4; erysipelas, 2; small-pox and malarial fever, 1 each.

No deaths were reported from measles.

There were 95 deaths from acute lung diseases, consumption, 54 and still-births, 28.

From scarlet fever: Boston, 3; Cambridge and Somerville, 1 each. From whooping-cough: Cambridge, 3; Somerville, 1. From erysipelas: Boston and Pittsfield, 1 each. From small-pox: Boston, 1. From malarial fever: Haverhill, 1.

The deaths of children under five years of age were 151, as compared with 190 for the preceding week.

Deaths from the principal infectious diseases were 43, as compared with 63 for the preceding week.

The death rates for the week were Boston, 22.61; Worcester, 13.26; Fall River, ——; Lowell, 19.08; Cambridge, 26.06; Lynn, 7.46; Springfield, 12.81; Lawrence, 8.60; Somerville, 16.30; New Bedford, 14.73; Holyoke, ——; Salem, 17.74; Brockton, ——; Haverhill, 16.56; Chelsea, ——; Malden, 17.69; Newton, 20.75; Fitchburg, ——; Taunton, 15.43; Gloucester, ——; Waltham, 16.50; Quincy, ——; North Adams, ——; Pittsfield, 5.53; Everett, ——; Northampton, 6.36; Marlborough, ——; Chicopee, ——; Woburn, 7.19; Newburyport, 11.08; Medford, 4.12.

The death rate for the week was 17.02, against 19.63 and 17.81 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MARCH 31, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

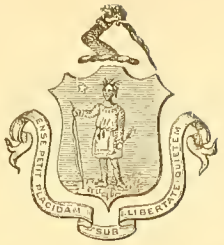
Small-pox,	3.	Measles,	46.
Scarlet-fever,	153.	Typhoid fever,	19.
Diphtheria and croup,	75.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Mar. 31, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 25,	29.89	42	52	33	84	88	86	S.	N. W.	10	15	O.	O.		0.01
Monday, 26,	29.90	32	37	28	56	55	56	N. W.	W.	12	15	O.	C.		0.02
Tuesday, 27,	30.25	26	32	20	39	45	42	W.	W.	16	19	C.	C.		0.00
Wednes'y, 28,	30.47	30	40	21	44	40	42	W.	S. W.	15	11	C.	F.		0.00
Thursday, 29,	30.03	36	40	33	78	100	89	S.	W.	12	4	N.	N.		0.20
Friday, 30,	30.00	39	47	31	65	41	53	W.	W.	12	14	O.	C.		0.02
Saturday, 31,	30.01	46	57	36	46	63	54	W.	S. W.	7	15	F.	O.		0.00
Week, - -	30.08		43	29			60								0.25

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 7, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 14.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Gerard C. Tobey, Esq., Wareham.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
James W. Hull, Pittsfield.
Charles H. Porter, Quincy.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 7, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	222	66	18	36	2	8	3
Worcester,	96,217	25	11	4	5	1	1	..
Fall River,	87,411	..	..	..	..	..	..	..
Lowell,	87,191	34	11	1	11	..	1	..
Cambridge,	77,100	25	9	5	2	1	1	1
Lynn,	62,656	19	2	4	2	..	..	..
Springfield,	48,684	18	3	2	5	1	..	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	22	8	5	4	..	2	2
New Bedford,	45,886	19	11	2	3	..	2	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	16	1	..	1	..	..	..
Brockton,	32,140	9	2	1	6	1	..	..
Haverhill,	31,396	13	6	..	2	..	..	..
Chelsea,	30,264	9	3	..	1	..	..	..
Malden,	29,394	7	0	1	1	..	..	1
Newton,	27,556	6	3	1	1	..	1	..
Fitchburg,	27,146	8	1	..	..	..	..	..
Taunton,	26,972	10	1	2	2	..	..	..
Gloucester,	26,688	10	3	1	..	..	..	..
Waltham,	22,058	3	2	1	..	..	..	1
Quincy,	19,642	6	2	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	2	1	1	..	..	..	..
Everett,	16,585	7	1	..	..	..	..	..
Northampton,	16,331	3	0	..	..	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	2	1	..	..	..	..	..
Newburyport,	14,073	6	2	..	..	..	..	..
Brookline,	13,927	3	1	..	..	..	..	..
Medford,	12,618	2	0	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	2	1	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	3	1	1	1	..	..	1
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-ferver.
Total of reporting towns,	1,387,530	511	153	50	83	6	16	9

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty deaths were reported from the principal infectious diseases; diphtheria and croup, 16; scarlet-fever, 9; typhoid fever, 6; cerebro-spinal meningitis, 6; diarrhœal diseases, 4; erysipelas, 3; small-pox, 2; measles, whooping-cough, puerperal fever and malarial fever, 1 each.

There were 83 deaths from acute lung diseases, consumption 59, and still-births, 23.

The deaths from cerebro-spinal meningitis occurred in the following places: Lynn, 2; Worcester, Somerville, Gloucester and Pittsfield, 1 each. From diarrhœal diseases: Cambridge and Taunton, 2 each. From erysipelas: Lynn, 2; Boston, 1. From small-pox: Boston, 2. From measles: Worcester, 1. From whooping-cough: Boston, 1. From puerperal fever: Boston, 1. From malarial fever: Springfield, 1.

The deaths under five years of age were 153, as compared with 151 for the preceding week.

Deaths from the principal infectious diseases were 50, as compared with 43 for the preceding week.

The death rates for the week were as follows: Boston, 34.78; Worcester, 13.76; Fall River, ——; Lowell, 20.27; Cambridge, 16.86; Lynn, 15.76; Springfield, 19.22; Lawrence, ——; Somerville, 23.91; New Bedford, 21.53; Holyoke, ——; Salem, 25.80; Brockton, 14.56; Haverhill, 21.52; Chelsea, 15.36; Malden, 12.38; Newton, 11.32; Fitchburg, 15.32; Taunton, 19.29; Gloucester, 19.48; Waltham, 7.07; Quincy, 15.88; North Adams, ——; Pittsfield, 5.53; Everett, 21.94; Northampton, 9.55; Marlborough, ——; Chicopee, ——; Woburn, 7.19; Newburyport, 22.17; Medford, 9.55.

The total death rate for the week was 19.15, against 17.02 and 19.63 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH FROM 41 CITIES AND TOWNS FOR THE WEEK ENDING APRIL 7, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	9.	Measles,	24.
Scarlet-fever,	127.	Typhoid fever,	21.
Diphtheria and croup,	27.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 7, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 1,	29.68	55	63	47	54	46	50	W.	N.W.	14	15	O.	O.		T.
Monday, 2,	30.00	38	46	31	56	32	44	N.	N.	14	15	O.	C.		0.00
Tuesday, 3,	30.31	34	46	23	50	50	50	N.W.	S.W.	10	16	C.	C.		0.00
Wednes'y, 4,	29.95	42	53	32	63	90	76	S.	S.W.	17	17	O.	R.		0.31
Thursday, 5,	29.86	52	56	47	74	59	66	W.	W.	18	12	C.	C.		0.13
Friday, 6,	29.96	42	45	38	70	54	62	W.	N.	9	12	O.	O.		0.02
Saturday, 7,	30.16	41	52	30	47	55	51	N.W.	S.	10	15	C.	O.		0.00
Week, - -	29.99		49	35			63								0.46

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 10 smaller towns of Massachusetts, as reported to the State Board of Health for the month of March.

The total death-rate of reporting towns for the month was 13.15.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from: Infectious Diseases.	Consumption.	Acute Lung Diseases.	Scarlet-fever.	Diphtheria and Croup.
Marblehead, ...	8,445	9	2	2	..	..	1	1
Revere, ...	8,224	5	0	..	1	1	..	..
Middleborough, ...	6,256	7	0	..	2	..	..	..
Orange, ...	5,174	8	0	..	3	2	..	..
Hudson, ...	4,902	4	1	..	..	..	..	..
Concord, ...	4,627	4	0	..	..	1	..	..
Easthampton, ...	4,435	11	3	..	1	..	..	..
Merrimac, ...	2,633	4	1	..	..	3	..	..
Ashland, ...	2,532	1	0	..	1	..	..	..
Norton, ...	2,037	1	0	..	1	..	..	..
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Total of reporting towns, . .	49,265	54	7	2	9	7	1	1

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 14, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of March.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 15.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERALD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 14, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	208	69	22	32	..	15	..
Worcester,	96,217	30	13	2	6	..	1	..
Fall River,	87,411	..	..	..	..	..	..	..
Lowell,	87,191	30	11	2	10	1	..	..
Cambridge,	77,100	21	12	4	5	..	..	4
Lynn,	62,656	14	4	2	2	..	..	1
Springfield,	48,684	15	3	2	2	1	1	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	9	3	1	2	..	..	..
New Bedford,	45,886	17	5	1	3	1	..	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	16	4	..	2	..	..	..
Brockton,	32,140	11	5	..	1	..	..	..
Haverhill,	31,396	13	1	1	4	..	..	..
Chelsea,	30,264	12	4	2	1	1	1	..
Malden,	29,394	10	5	1	2	..	..	1
Newton,	27,556	10	1	..	2	..	..	..
Fitchburg,	27,146	6	2	..	..	..	..	..
Taunton,*	26,972	18	7	1	2	1	..	..
Gloucester,	26,688	5	1	..	..	..	..	..
Waltham,	22,058	5	3	..	2	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	5	0	2	1	..	..	1
Everett,	16,585	5	3	3	2	1	1	..
Northampton,	16,331	5	3	1	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	8	0	..	3	..	..	..
Newburyport,	14,073	6	1	..	..	..	..	..
Brookline,	13,927	4	0	..	1	..	..	..
Medford,	12,618	4	1	..	1	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	2	1	1	..	..	..	..
Clinton,	11,357	3	0	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	1	0	..	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

* Five deaths were at the Insane Hospital.

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,379,422	493	162	48	87	6	19	7

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-eight deaths were reported from the principal infectious diseases; diphtheria and croup, 19; scarlet-fever, 7; diarrhœal diseases, 6; whooping-cough, 6; cerebro-spinal meningitis, 4; small-pox, 3; typhoid fever, 2; measles, 1.

There were no deaths from malarial fever.

There were 87 deaths from acute lung diseases; consumption, 56; and still-births, 22.

The deaths from whooping-cough occurred in the following places: Boston, 3; Lowell, Everett and Hyde Park, 1 each. From cerebro-spinal meningitis: Boston, Worcester, Somerville and Pittsfield, 1 each. From small-pox: Boston, 3. From typhoid fever: Lynn and Haverhill, 1 each. From measles: Northampton, 1.

The deaths under five years of age were 162, as compared with 153 for the preceding week.

Deaths from the principal infectious diseases were 48, as compared with 50 for the preceding week.

The death rates for the week were: Boston, 22.19; Worcester, 16.21; Fall River, ——; Lowell, 17.89; Cambridge, 14.16; Lynn, 11.61; Springfield, 16.02; Lawrence, ——; Somerville, 9.78; New Bedford, 19.26; Holyoke, ——; Salem, 25.80; Brockton, 17.79; Haverhill, 21.52; Chelsea, 22.31; Malden, 17.69; Newton, 18.87; Fitchburg, 11.49; Taunton, 34.72; Gloucester, 9.74; Waltham, 11.79; Quincy, ——; North Adams, ——; Pittsfield, 13.82; Everett, 15.67; Northampton, 15.92; Marlborough, ——; Chicopee, ——; Woburn, 28.78; Newburyport, 18.47; Medford, 16.48.

The total death rate for the week was 18.58, against 19.15 and 17.02 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 14, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	16.	Measles,	60.
Scarlet-fever,	197.	Typhoid fever,	50.
Diphtheria and croup,	72.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 14, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 8,	30.08	32	34	31	100	95	98	N. E.	N.	25	29	N.	N.		1.18
Monday, 9,	30.16	34	39	30	92	63	78	N. W.	N.	18	9	N.	C.		0.13
Tuesday, 10,	30.17	38	42	35	50	65	58	N. E.	N. E.	13	12	F.	F.		0.00
Wednes'y, 11,	29.92	34	36	33	72	95	84	N. E.	N. E.	25	44	O.	N.		T.
Thursday, 12,	29.91	34	37	32	100	96	98	N. E.	N. E.	26	36	N.	R.		1.44
Friday, 13,	29.84	36	39	34	87	84	86	N.	N.	25	28	N.	R.		0.30
Saturday, 14,	29.92	39	44	34	86	79	82	N.	N. E.	18	20	O.	R.		T
Week, - -	30.00		39	33			83								3.05

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of March: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	188	203	391	Maple Syrup,	8	1	9
Butter,	50	0	50	Canned Goods,	5	2	7
Cheese,	1	0	1	Honey,	7	1	8
Lard,	..	..	..	Tea,	9	1	10
Olive Oil,	..	..	..	Coffee,	3	3	6
Vinegar,	1	7	8	Cocoa	1	2	3
Spices,	89	8	97	Confectionery,	3	0	3
Cream of Tartar,	29	0	29	Other articles of Food and Drinks,	7	0	7
Molasses,	15	2	17	Drugs,	22	16	38
Syrups,	1	0	1				
Maple Sugar,	9	1	10				
				Totals,	448	247	695

Percentage of adulteration, 64.4. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 50.6 per cent. Of the whole number, 148 samples had between 12 and 13 per cent. of solids.

Four complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs, two of which resulted in conviction and two were put over until April 5. All of these were for violation of the laws relative to the sale of Milk. One hundred dollars were paid in fines.

The samples of drugs found to be adulterated were Chloroform, Powdered Opium and Tincture of Opium.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Cambridge, Somerville, Salem, Brockton, Chelsea, Malden, Newton, Gloucester, Waltham, Quincy, Everett, Marlborough, Woburn, Brookline, Medford, Hyde Park, Avon, Dedham, Natick, North Reading, Randolph, Winthrop and Revere.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 21, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 16.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 21, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Whooping-cough.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	213	74	35	47	5	13	12
Worcester,	96,217	37	14	2	7	..	..	..
Fall River,	87,411	..	..	..	..	..	..	..
Lowell,	87,191	29	14	3	7	1	..	..
Cambridge,	77,100	18	4	5	..	..	2	3
Lynn,	62,656	11	5	..	..	..	..	..
Springfield,	48,684	12	3	..	2	..	..	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	16	8	2	5	..	..	2
New Bedford,	45,886	21	6	..	6	..	..	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	11	3	1	..	..	..	1
Brockton,	32,140	6	0	..	2	..	..	..
Haverhill,	31,396	26	7	1	8	..	..	..
Chelsea,	30,264	9	1	..	1	..	..	..
Malden,	29,394	7	1	..	..	..	..	..
Newton,	27,556	5	1	..	..	..	..	..
Fitchburg,	27,146	10	4	1	..	..	..	1
Taunton,	26,972	11	3	..	..	..	..	..
Gloucester,	26,688	8	1	2	..	..	..	..
Waltham,	22,058	5	1	..	2	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	3	0	..	1	..	..	..
Everett,	16,585	5	3	..	1	..	..	..
Northampton,	16,331	3	1	1	..	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	2	0	..	1	..	..	..
Newburyport,	14,073	4	0	..	1	..	..	..
Brookline,	13,927	4	2	1	..	1	..	..
Medford,	12,618	6	1	1	2	..	1	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	2	0	..	..	..	..	..
Clinton,	11,357	4	3	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	4	0	..	1	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Whooping-cough.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,379,422	492	160	55	94	7	16	19

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-five deaths were reported from the principal infectious diseases; diphtheria and croup, 16; scarlet-fever, 19; whooping-cough, 7; diarrhœal diseases, 4; cerebro-spinal meningitis and typhoid fever, 3 each; small-pox, measles and erysipelas, 1 each.

There were 94 deaths from acute lung diseases; consumption, 67; and still-births, 30.

The deaths from diarrhœal diseases occurred in the following places: Lowell, 2; Boston and Worcester, 1 each. From cerebro-spinal meningitis: Gloucester, 2; Worcester, 1. From typhoid fever: Boston, 2; Haverhill, 1. From small-pox: Boston, 1. From measles: Northampton, 1. From erysipelas: Boston, 1.

The deaths under five years of age were 160, as compared with 162 for the preceding week.

Deaths from the principal infectious diseases were 55, as compared with 48 for the preceding week.

The death rates for the week were: Boston, 22.72; Worcester, 20.00; Fall River, ——; Lowell, 17.29; Cambridge, 12.13; Lynn, 9.12; Springfield, 12.81; Lawrence, ——; Somerville, 19.39; New Bedford, 13.59; Holyoke, ——; Salem, 17.74; Brockton, 9.70; Haverhill, 43.05; Chelsea, 15.46; Malden, 12.38; Newton, 9.43; Fitchburg, 19.15; Taunton, 21.21; Gloucester, 15.58; Waltham, 11.79; Quincy, ——; North Adams, ——; Pittsfield, 8.29; Everett, 15.67; Northampton, 9.55; Marlborough, ——; Chicopee, ——; Woburn, 7.19; Newburyport, 14.78; Medford, 24.62.

The total death rate for the week was 18.54, against 18.58 and 19.15 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 21, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	17.	Measles,	58.
Scarlet-fever,	136.	Typhoid fever,	33.
Diphtheria and croup,	37.	Glanders,	1.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 21, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 15,	30.04	44	50	39	50	57	54	N.	S. E.	17	3	F.	F.		T.
Monday, 16,	30.11	46	51	40	57	49	53	N. E.	S. E.	10	4	C.	O.		0.00
Tuesday, 17,	30.21	46	52	41	67	80	74	S. E.	S. E.	4	3	F.	C.		0.00
Wednes'y, 18,	30.30	51	40	46	54	49	52	S. E.	S. W.	6	12	C.	F.		0.00
Thursday, 19,	30.12	52	61	44	66	85	76	S. W.	S. W.	20	14	O.	O.		0.00
Friday, 20,	29.99	60	69	52	82	88	85	S. W.	S.	5	9	O.	O.		0.00
Saturday, 21,	29.88	60	66	54	83	94	88	S.	S. W.	18	12	O.	O.		0.03
Week, - -	30.11		56	45			69								0.03

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 28, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. - No. 17.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERALD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 28, 1894.

Deaths reported to the State Board of Health in 22 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	487,397	232	69	24	48	3	4	11
Worcester,	96,217	16	4	1	1	..	..	1
Fall River,	87,411	..	..	..	..	..	..	..
Lowell,	87,191	23	6	3	3	..	1	1
Cambridge,	77,100	27	9	6	5	2	..	..
Lynn,	62,656	12	2	3	1	..	1	..
Springfield,	48,684	23	6	1	3	1	..	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	15	5	2	3	..	..	..
New Bedford,	45,886	25	12	2	4	..	1	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	12	4	1	1	..	..	..
Brockton,	32,140	..	..	..	..	..	..	..
Haverhill,	31,396	10	3	..	2	..	..	..
Chelsea,	30,264	..	..	..	..	..	..	..
Malden,	29,394	6	1	..	1	..	..	..
Newton,	27,556	11	1	1	1	..	..	1
Fitchburg,	27,146	..	..	..	..	..	..	..
Taunton,	26,972	7	3	1	1	..	1	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	3	2	..	1	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	4	1	..	1	..	..	..
Everett,	16,585	2	1	..	..	..	..	..
Northampton,	16,331	2	0	..	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	4	0	..	..	..	..	..
Newburyport,	14,073	5	2	..	..	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	3	1	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	4	2	..	1	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	5	1	..	1	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,237,733	451	135	45	79	6	8	14

DEATHS FROM PREVALENT DISEASES IN 22 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-five deaths were reported from the principal infectious diseases; diphtheria and croup, 14; typhoid fever, 8; diarrhœal diseases, 6; scarlet-fever and whooping-cough, 5 each; cerebro-spinal meningitis, 4; small-pox, erysipelas and puerperal fever, 1 each.

There were no deaths from malarial fever.

There were 79 deaths from acute lung diseases; consnmption, 58; and still-births, 29.

The deaths from scarlet-fever occurred in the following places: Boston, 2; Lowell, Cambridge and New Bedford, 1 each. From whooping-cough: Boston and Cambridge, 2 each; Lynn, 1. From cerebro-spinal meningitis: Somerville, 2; Lynn and Salem, 1 each. From small-pox: Boston, 1. From erysipelas: Boston, 1. From puerperal fever: Cambridge, 1.

The deaths nnder five years of age were 135, as compared with 160 for the preceding week.

Deaths from the principal infectious diseases were 45, as compared with 55 for the preceding week.

The death rates for the week were: Boston, 24.75; Worcester, 8.64; Fall River, ——; Lowell, 12.72; Cambridge, 18.20; Lynn, 9.95; Springfield, 24.56; Lawrence, ——; Somerville, 16.30; New Bedford, 28.33; Holyoke, ——; Salem, 19.35; Brockton, ——; Haverhill, 16.56; Chelsea, ——; Malden, 10.61; Newton, 20.75; Fitchbnrg, ——; Taunton, 13.50; Gloucester, ——; Waltham, 7.07; Qnincy, ——; North Adams, ——; Pittsfield, 11.06; Everett, 6.27; Northampton, 6.36; Marlborongh, ——; Chicopee, ——; Woburn, 14.39; Newbnryport, 18.47; Medford, 12.36.

The total death rate for the week was 18.94, against 18.54 and 18.58 for the previons two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 28, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

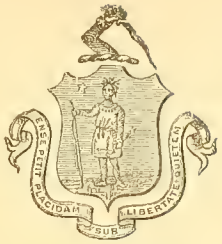
Small-pox,	32.	Measles,	51.
Scarlet-fever,	132.	Typhoid fever,	24.
Diphtheria and cronp,	39.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Satnrday, April 28, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Snnday, 22,	29.82	52	60	45	96	78	87	E.	S. E.	5	5	O.	C.		0.07
Monday, 23,	29.92	54	62	47	88	63	76	S.W.	S.W.	5	7	F.	C.		0.00
Tnesday, 24,	29.92	51	56	46	78	89	84	N. E.	N.W.	11	7	F.	R.		0.04
Wednes'y, 25,	30.10	52	63	41	72	54	63	N.E.	S.W.	12	8	C.	C.		0.13
Thnrsday, 26,	30.05	59	72	46	41	32	36	W.	W.	8	9	C.	C.		0.00
Friday, 27,	29.98	66	79	52	47	58	52	W.	S.W.	12	13	C.	C.		0.00
Saturday, 28,	29.90	65	75	55	44	60	52	W.	N.	10	9	F.	R.		T.
Week, - -	29.97		67	47			64								0.25

* O., Clondy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 5, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 18.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 5, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	191	63	25	18	1	11	5
Worcester,	96,217	29	13	5	7	1	3	..
Fall River,	87,411	31	16	3	11	..	1	..
Lowell,	87,191	42	11	3	7	1	1	..
Cambridge,	77,100	16	3	3	1	1	..	..
Lynn,	62,656	21	..	..	..	..	..	..
Springfield,	48,684	18	5	2	5	1	1	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	17	8	4	5	3	..	..
New Bedford,	45,886	19	6	4	..	1	..	2
Holyoke,	41,278	21	16	7	3	..	..	1
Salem,	32,233	9	3	1	..	..	1	..
Brockton,	32,140	..	..	..	..	..	..	..
Haverhill,	31,396	4	2	..	..	..	..	..
Chelsea,	30,264	18	5	3	2	..	2	..
Malden,	29,394	7	1	1	2	..	1	..
Newton,	27,556	9	7	1	1	..	1	..
Fitchburg,	27,146	5	3	..	1	..	..	..
Taunton,	26,972	16	5	2	2	..	..	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	6	1	..	2	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	..	..	..	..	..	..	..
Pittsfield,	18,802	6	4	1	..	..	..	..
Everett,	16,585	5	5	2	..	..	1	..
Northampton,	16,331	7	1	..	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	6	1	..	..	..	..	..
Newburyport,	14,073	4	0	..	..	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	3	1	..	3	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	4	2	1	..	..	1	..
Clinton,	11,357	5	1	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	3	0	1	..	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield.	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,435,356	522	183	69	71	9	24	8

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-nine deaths were reported from the principal infectious diseases; diphtheria and croup, 24; typhoid fever, 9; scarlet-fever, 8; cerebro-spinal meningitis, 8; whooping-cough, 7; diarrhœal diseases, 6; measles, 3; small-pox, erysipelas, malarial fever and puerperal fever, 1 each.

There were 71 deaths from acute lung diseases; consumption, 57; and stillbirths, 50.

The deaths from cerebro-spinal meningitis occurred in the following places: Holyoke, 4; Somerville, New Bedford, Chelsea and Pittsfield, 1 each. From whooping-cough: Boston, 3; Taunton, 2; Fall River and Cambridge, 1 each. From diarrhœal diseases: Boston, 2; Worcester, Fall River, Lowell and Cambridge, 1 each. From measles: Boston, 2; Holyoke, 1. From small-pox: Holyoke, 1. From erysipelas: Amesbury, 1. From malarial fever: Everett, 1. From puerperal fever: Boston, 1.

The deaths under five years of age were 186, as compared with 135 for the preceding week.

Deaths from the principal infectious diseases were 69, as compared with 45 for the preceding week.

The death rates for the week were: Boston, 20.37; Worcester, 15.67; Fall River, 18.43; Lowell, 25.04; Cambridge, 10.79; Lynn, 17.42; Springfield, 17.22; Lawrence, ——; Somerville, 18.47; New Bedford, 21.53; Holyoke, 26.43; Salem, 14.51; Brockton, ——; Haverhill, 6.62; Chelsea, 30.92; Malden, 13.38; Newton, 9.43; Fitchburg, 9.57; Taunton, 30.86; Gloucester, ——; Waltham, 14.14; Quincy, ——; North Adams, ——; Pittsfield, 16.59; Everett, 15.67; Northampton, 22.28; Marlborough, ——; Chicopee, ——; Woburn, 23.58; Newburyport, 16.78; Medford, 12.36.

The total death rate for the week was 18.91, against 18.94 and 18.54 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 5, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	9.	Measles,	38.
Scarlet-fever,	149.	Typhoid fever,	23.
Diphtheria and croup,	71.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, May 5, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
April															
Sunday, 29,	30.28	46	48	43	44	75	60	N.	S.	20	10	C.	C.		T.
Monday, 30,	30.34	56	72	40	40	46	43	N. W.	S. W.	6	15	C.	O.		0.00
May															
Tuesday, 1,	30.04	68	80	55	58	46	52	N. E.	S. W.	3	7	F.	C.		0.00
Wednes'y, 2,	29.84	76	88	64	47	52	50	W.	W.	11	12	F.	F.		0.02
Thursday, 3,	30.18	56	59	52	64	81	72	N. E.	S. E.	13	5	O.	C.		0.00
Friday, 4,	30.20	46	49	42	88	98	93	E.	E.	8	7	O.	O.		0.05
Saturday, 5,	30.06	56	67	46	82	68	75	S. W.	S.	2	8	C.	C.		0.22
Week, - -	30.13		66	49			64								0.29

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 9 smaller towns of Massachusetts, as reported to the State Board of Health for the month of April.

The total death-rate of reporting towns for the month was 10.8.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Typhoid Fever.	Scarlet-fever.
Marblehead,	8,445	10	1	3	2	..	..	2
Revere,	8,224	7	3	..	2	..	..	..
Orange,	5,174	1	1	..	..	..	..	..
Hudson,	4,902	3	0	..	..	..	..	..
Concord,	4,627	6	0	3	..	2	1	..
Easthampton,	4,435	6	5	..	1	..	..	..
Merrimac,	2,633	3	1	..	..	..	..	..
Ashland,	2,532	1	0	..	1	..	..	..
Norton,	2,037	2	0	2	..	1	..	..
Total of reporting towns,	43,009	39	11	8	6	3	1	2

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 12, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of April.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 19.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending May 12, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	179	50	24	30	1	19	2
Worcester,	96,217	32	12	2	7	..	2	..
Fall River,	87,411	38	25	5	8	4	..	..
Lowell,	87,191	32	10	3	7	1	2	1
Cambridge,	77,100	22	7	3	1	..	1	1
Lynn,	62,656	19	3	2	..	..	..	..
Springfield,	48,684	7	3	2	1	..	1	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	..	..	..	..	..	..	..
New Bedford,	45,886	18	11	2	5	..	..	2
Holyoke,	41,278	13	7	4	1	1	2	..
Salem,	32,233	7	3	..	1	..	..	..
Brockton,	32,140	3	0	..	..	..	..	..
Haverhill,	31,396	15	2	..	3	..	..	..
Chelsea,	30,264	12	2	..	2	..	..	..
Malden,	29,394	8	1	1	1	..	..	..
Newton,	27,556	4	1	..	1	..	..	..
Fitchburg,	27,146	6	4	..	2	..	..	..
Taunton,	26,972	9	1	..	..	..	..	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	2	0	..	1	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	5	0	1	1	..	..	1
Pittsfield,	18,802	4	0	..	..	..	..	..
Everett,	16,585	3	0	..	1	..	..	..
Northampton,	16,331	5	2	1	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	3	0	..	1	..	..	..
Newburyport,	14,073	6	0	1	1	..	..	..
Brookline,	13,927	2	1	..	..	..	..	..
Medford,	12,618	3	1	..	1	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly.	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	3	2	..	2	..	..	..
Clinton,	11,357	3	2	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	3	2	..	2	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,452,442	466	152	51	81	7	27	7

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-one deaths were reported from the principal infectious diseases; diphtheria and croup, 27; scarlet-fever and diarrhœal diseases. 7 each; typhoid fever, 4; whooping-cough, 2; measles, cerebro-spinal meningitis and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 81 deaths from acute lung diseases; consumption, 48; and stillbirths, 34.

From typhoid fever: Cambridge, Lynn, Holyoke and Newburyport, 1 each. From whooping-cough: Boston and Fall River, 1 each. From measles: Boston, 1. From cerebro-spinal meningitis: Northampton, 1. From puerperal fever: Springfield, 1.

Deaths from the principal infectious diseases were 51, as compared with 69 for the preceding week.

The deaths under five years of age were 152, as compared with 183 for the preceding week.

The death rates for the week were: Boston, 19.09; Worcester, 17.29; Fall River, 22.57; Lowell, 19.08; Cambridge, 14.83; Lynn, 15.76; Springfield, 7.47; Lawrence, ——; Somerville, ——; New Bedford, 20.39; Holyoke, 16.46; Salem, 11.37; Brockton, 4.85; Haverhill, 24.84; Chelsea, 20.61; Malden, 14.15; Newton, 7.54; Fitchburg, 11.49; Taunton, 17.36; Gloucester, ——; Waltham, 4.71; Quincy, ——; North Adams, 13.78; Pittsfield, 11.06; Everett, 9.40; Northampton, 15.92; Marlborough, ——; Chicopee, ——; Woburn, 10.79; Newburyport, 22.17; Medford, 12.36.

The total death rate for the week was 16.68, against 18.91 and 18.94 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 12, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	3.	Measles,	28.
Scarlet-fever,	286.	Typhoid fever,	51.
Diphtheria and croup,	72.	Glanders,	1.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, May 12, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 6,	29.82	60	72	48	97	90	94	S. E.	S. W.	10	17	R.	F.		0.44
Monday, 7,	29.70	68	79	58	87	59	73	S. W.	S. W.	18	11	O.	C.		T.
Tuesday, 8,	29.80	68	76	59	53	33	43	S. W.	W.	3	9	C.	C.		0.00
Wednes'y, 9,	30.00	64	73	54	45	49	47	N. W.	E.	16	5	C.	F.		0.00
Thursday, 10,	30.37	54	59	50	45	64	54	N. E.	S. E.	13	14	C.	C.		0.00
Friday, 11,	30.36	55	66	44	60	78	69	S. E.	S. W.	9	6	F.	F.		T.
Saturday, 12,	30.32	60	70	49	49	55	52	N. W.	S. W.	8	11	C.	C.		0.00
Week, - -	30.05		71	62			62								0.44

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of April : —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	134	193	327	Maple Syrup,	4	..	4
Butter,	24	..	24	Canned Goods,	2	..	2
Cheese,	..	..	..	Honey,	2	..	2
Lard,	..	..	..	Tea,	3	..	3
Olive Oil,	..	..	..	Coffee,	3	..	3
Vinegar,	..	..	..	Chocolate,	2	1	3
Spices,	74	9	83	Confectionery,	..	..	..
Cream of Tartar,	20	1	21	Other articles of Food and Drinks,	15	2	17
Molasses,	..	..	..	Drugs,	15	11	26
Syrups,	..	..	..				
Maple Sugar,	13	..	13	Totals,	311	217	528

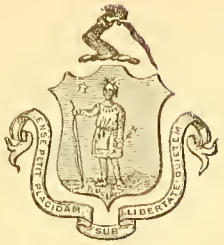
Percentage of adulteration, 40.3. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 60.2 per cent.. as compared with 50.6 per cent. for the preceding month; while the percentage of other articles of food and drugs was 11.9.

Three complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $200.

The samples of drugs found to be adulterated were Chlorine Water, Chlorinated Lime, Spirits of Juniper and Tincture of Iodine.

The cities and towns from which samples of food were collected were Boston, Cambridge, Springfield, Somerville, Chelsea, Newton, Fitchburg, Gloucester, Waltham, Medford, Amherst, Brookline, Canton, Littleton, North Reading, Palmer, Stoughton and Watertown.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 19, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 20.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 19, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	189	64	21	34	5	7	5
Worcester,	96,217	30	13	3	7	..	2	..
Fall River,	87,411	31	19	4	5	..	..	..
Lowell,	87,191	22	10	1	1	1	..	..
Cambridge,	77,100	34	13	9	..	..	1	5
Lynn,	62,656	11	0	..	1	..	..	..
Springfield,	48,684	16	3	..	2	..	..	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	..	..	..	..	..	..	..
New Bedford,	45,886	24	13	1	4	1	..	..
Holyoke,	41,278	18	11	4	7	1	2	..
Salem,	32,233	14	4	..	1	..	..	..
Brockton,	32,140	8	1	..	3	..	..	..
Haverhill,	31,396	11	1	..	2	..	..	..
Chelsea,	30,264	7	0	..	1	..	..	..
Malden,	29,394	8	2	..	3	..	..	..
Newton,	27,556	5	1	..	2	..	..	..
Fitchburg,	27,146	3	0	..	1	..	..	..
Taunton,	26,972	7	1	2	..	..	1	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	7	2	2	1	..	1	1
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	4	0	..	1	..	..	..
Pittsfield,	18,802	4	3	1	..	..	..	..
Everett,	16,585	1	0	..	..	..	..	..
Northampton,	16,331	4	1	..	1	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	6	3	..	..	..	..	..
Newburyport,	14,073	5	0	..	1	..	..	..
Brookline,	13,927	4	0	..	..	..	..	..
Medford,	12,618	3	1	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	4	0	..	..	..	..	..
Clinton,	11,357	5	1	1	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	5	2	..	1	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield.	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,452,442	490	169	49	79	8	14	11

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Forty-niue deaths were reported from the principal infectious diseases; diphtheria and croup, 14; scarlet-fever, 11; typhoid fever, 8; diarrhœal diseases, 7; whooping-cough, 4; cerebro-spinal meningitis, 3; erysipelas, 2.

No deaths were reported from small-pox, measles, puerperal fever and malarial fever.

There were 79 deaths from acute lung diseases; consumption, 55; and stillbirths, 28.

From diarrhœal diseases: Fall River, 4; Boston, Worcester and Clinton, 1 each. From whooping-cough: Cambridge, 3; Boston, 1. From cerebro-spinal meningitis: Holyoke, Taunton aud Pittsfield, 1 each. From erysipelas: Boston, 2.

The deaths under five years of age were 169, as compared with 152 for the preceding week.

Deaths from the principal infectious diseases were 49, as compared with 51 for the preceding week.

The death rates for the week were: Boston, 20.27; Worcester, 16.21; Fall River, 18.42; Lowell, 13.20; Cambridge, 22.92; Lynn, 9.12; Springfield, 17.08; Lawrence, ——; Somerville, ——; New Bedford, 27.19; Holyoke, 22.66; Salem, 22.58; Brockton, 12.94; Haverhill, 18.21; Chelsea, 12.02; Malden, 14.15; Newton, 9.43; Fitchburg, 5.74; Taunton, 13.50; Gloucester, ——; Waltham, 16.50; Quincy, ——; North Adams, 11.02; Pittsfield, 11.06; Everett, 3.13; Northampton, 12.73; Marlborough, ——; Chicopee, ——; Woburn, 21.58; Newburyport, 18.47; Medford, 12.36.

The total death rate for the week was 17.54, against 16.68 and 18.91 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 19, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	6.	Measles,	29.
Scarlet-fever,	237.	Typhoid fever,	50.
Diphtheria and croup,	74.	Glanders,	1.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 19, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 13,	30.05	66	80	52	53	34		44	W.	N. W.	12	22	O.	C.			0.00
Monday, 14,	30.08	54	62	46	28	39		34	N. W.	N. W.	22	10	O.	C.			0.00
Tuesday, 15,	29.86	54	65	44	33	40		36	N. W.	N. W.	20	8	C.	C.			0.00
Wednes'y, 16,	29.80	60	74	46	34	40		37	N. W.	S. E.	12	10	C.	C.			0.00
Thursday, 17,	29.84	61	70	52	75	68		72	N. E.	S. W.	9	11	C.	O.			0.00
Friday, 18,	29.80	58	66	51	97	91		94	E.	S. E.	5	10	O.	O.			0.01
Saturday, 19,	29.88	54	58	51	97	100		98	N. E.	N. E.	6	9	O.	R.			0.69
Week, - -	29.90		56	49				60									0.70

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 26, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 21.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 26, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

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CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Whooping-cough.	Diphtheria and Croup.	Scarlet-fever.
Boston,	487,397	226	66	32	31	5	14	5
Worcester,	96,217	22	12	4	..	..	3	1
Fall River,	87,411	41	22	5	5	1	..	2
Lowell,	87,191	28	7	8	..	..	3	..
Cambridge,	77,100	21	6	7	..	..	2	5
Lynn,	62,656	13	6	2	1	..	1	..
Springfield,	48,684	13	3	..	2	..	..	..
Lawrence,	48,355	..	..	..	..	..	..	..
Somerville,	47,847	14	8	6	3	2	1	2
New Bedford,	45,886	19	10	..	4	..	..	..
Holyoke,	41,278	..	..	..	..	..	..	..
Salem,	32,233	13	6	5	1	1	2	2
Brockton,	32,140	9	1	1	2	..	..	..
Haverhill,	31,396	5	2	1	1	..	..	..
Chelsea,	30,264	13	1	2	4	..	1	1
Malden,	29,394	9	1	..	2	..	..	..
Newton,	27,556	4	1	..	..	..	..	..
Fitchburg,	27,146	4	1	..	..	..	..	..
Taunton,	26,972	6	1	..	..	..	..	..
Gloucester,	26,688	..	..	..	..	..	..	..
Waltham,	22,058	6	2	..	1	..	..	..
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	2	0	1	..	..	..	..
Pittsfield,	18,802	2	0	..	..	..	..	..
Everett,	16,585	2	0	..	..	..	..	..
Northampton,	16,331	4	0	1	..	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	3	0	1	..	..	..	..
Newburyport,	14,073	2	1	..	..	..	..	..
Brookline,	13,927	..	..	..	..	..	..	..
Medford,	12,618	2	0	1	..	..	..	1
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	7	2	..	..	..	..	..
Clinton,	11,357	5	0	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	5	1	..	1	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Whooping-cough.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,445,084	500	160	77	58	9	27	18

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-seven deaths were reported from the principal infectious diseases; diphtheria and croup, 27; scarlet-fever, 18; whooping-cough, 9; diarrhœal diseases, 6; erysipelas and typhoid fever, 4 each; puerperal fever, 3; measles, malarial fever and cerebro-spinal meningitis, 2 each.

No deaths were reported from small-pox.

There were 58 deaths from acnte lung diseases; consnmption, 58; and stillbirths, 39.

From diarrhœal diseases: Boston, 4; Lowell, 2. From erysipelas: Boston, Lowell, Haverhill and Northampton, 1 each. From typhoid fever: Boston, Lowell, North Adams and Woburn, 1 each. From puerperal fever: Boston, Fall River and Lowell, 1 each. From measles: Fall River, 2. From malarial fever: Boston and Somerville, 1 each. From cerebro-spinal meningitis: Lynn and Brockton, 1 each.

The deaths under five years of age were 160, as compared with 169 for the preceding week.

Deaths from the principal infectious diseases were 77, as compared with 49 for the preceding week.

The death rates for the week were: Boston, 24.11; Worcester, 11.88; Fall River, 24.36; Lowell, 16.69; Cambridge, 14.16; Lynn, 10.78; Springfield, 13.88; Lawrence, ——; Somerville, 15.21; New Bedford, 21.53; Holyoke, ——; Salem, 20.96; Brockton, 14.55; Haverhill, 8.28; Chelsea, 22.99; Malden, 15.92; Newton, 7.54; Fitchbnrg, 7.60; Taunton, 11.57; Gloncester, ——; Waltham, 14.14; Qnincy, ——; North Adams, 5.51; Pittsfield, 5.53; Everett, 6.27; Northampton, 12.73; Marlborough, ——; Chicopee, ——; Woburn, 10.79; Newbnryport, 7.39; Medford, 8.24.

The total death rate for the week was 17.99, against 17.54 and 16.68 for the previons two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 26, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	3.	Measles,	26.
Scarlet-fever,	162.	Typhoid fever,	20.
Diphtheria and croup,	42.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, May 26, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 20,	30.25	46	48	44	96	96	96	N. E.	N. E.	20	21	R.	R.		0.04
Monday, 21,	30.34	46	48	43	92	86	89	E.	E.	24	9	O.	C.		T.
Tuesday, 22,	30.16	50	62	39	72	62	67	N. W.	S. W.	3	13	C.	C.		0.00
Wednes'y, 23,	29.93	60	70	50	68	84	76	W.	E.	7	4	O.	F.		0.03
Thursday, 24,	29.74	49	52	46	100	97	98	N. E.	N. E.	13	22	R.	R.		1.10
Friday, 25,	29.64	54	59	48	80	90	85	S. W.	N.	4	7	T.	O.		0.05
Saturday, 26,	29.85	54	61	47	70	78	74	N. W.	S. E.	10	9	O.	O.		T.
Week, - -	29.99		57	45			84								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 2, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 22.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 2, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	185	62	23	22	1	12	7
Worcester,	100,412	33	11	7	5	..	2	1
Fall River,	92,236	33	12	7	6	4	..	..
Lowell,	90,608	..	..	..	..	..	..	..
Cambridge,	79,611	26	10	3	3	..	..	2
Lynn,	65,124	18	4	4	2	1	..	..
Somerville,	50,730	20	4	4	1	..	..	3
Springfield,	50,285	8	1	..	1	..	..	..
Lawrence,	49,902	18	5	2	3	2	..	..
New Bedford,	47,744	22	7	2	2	1	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	4	0	2	..	1	..	..
Salem,	33,155	9	5	..	1	..	..	..
Haverhill,	32,925	9	0	..	3	..	..	..
Malden,	30,209	5	1	1	1	..	..	1
Chelsea,	29,806	13	4	1	4	..	..	..
Fitchburg,	29,383	5	0	..	..	..	..	..
Newton,	28,837	5	2	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,951	6	1	1	1	..	..	1
Waltham,	22,058	5	2	1	1	..	..	1
Quincy,	19,642	..	..	..	..	..	..	..
North Adams,	18,866	3	2	2	..	..	2	..
Pittsfield,	18,802	5	0	1	3	..	..	1
Everett,	16,585	6	1	..	1	..	..	..
Northampton,	16,331	5	0	..	..	..	..	..
Marlborough,	15,308	..	..	..	..	..	..	..
Chicopee,	15,082	..	..	..	..	..	..	..
Woburn,	14,450	3	0	..	..	..	..	..
Newburyport,	14,073	4	0	..	..	..	..	..
Brookline,	13,927	6	0	..	..	..	..	..
Medford,	12,618	1	0	..	..	..	..	..
Weymouth,	11,956	..	..	..	..	..	..	..
Beverly,	11,730	..	..	..	..	..	..	..
Hyde Park,	11,534	..	..	..	..	..	..	..
Clinton,	11,357	2	0	..	..	..	..	..
Adams,	11,004	..	..	..	..	..	..	..
Amesbury,	10,920	6	0	..	1	..	..	..
Melrose,	10,739	..	..	..	..	..	..	..
Westfield,	10,666	..	..	..	..	..	..	..
Framingham,	10,574	..	..	..	..	..	..	..
Peabody,	10,539	..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,452,343	465	124	61	61	10	18	16

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-one deaths were reported from the principal infectious diseases; diphtheria and croup, 18; scarlet-fever, 16; diarrhœal diseases, 10; cerebro-spinal meningitis, 7; whooping-cough, 6; typhoid fever, 2; erysipelas and malarial fever, 1 each.

No deaths were reported from small-pox and measles.

There were 61 deaths from acute lung diseases: consumption, 56; and stillbirths, 35.

From cerebro-spinal meningitis: Worcester and Lynn, 2 each; Boston, Brockton and Chelsea, 1 each. From whooping-cough: Fall River, 2; Boston, Cambridge, Lynn and Somerville, 1 each. From typhoid fever: Worcester, 2. From erysipelas: Boston, 1. From malarial fever: Fall River, 1.

The deaths under five years of age were 134, as compared with 160 for the preceding week.

Deaths from the principal infectious diseases were 61, as compared with 77 for the preceding week.

The death rates for the week were: Boston, 19.19; Worcester, 17.08; Fall River, 18.60; Lowell, ——; Cambridge, 16.98; Lynn, 14.37; Somerville, 20.50; Springfield, 8.27; Lawrence, 18.76; New Bedford, 23.97; Holyoke, ——; Brockton, 6.12; Salem, 14.11; Haverhill, 14.21; Malden, 8.60; Chelsea, 22.68; Fitchburg, 8.84; Newton, 9.02; Gloucester, ——; Taunton, 11.57; Waltham, 11.79; Quincy, ——; North Adams, 8.27; Pittsfield, 13.82; Everett, 18.81; Northampton, 15.92; Marlborough, ——; Chicopee, ——; Woburn, 10.79; Newburyport, 14.78; Medford, 4.12.

The total death rate for the week was 16.65, against 17.99 and 17.54 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 2, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	5.	Measles,	29.
Scarlet-fever,	151.	Typhoid fever,	31.
Diphtheria and croup,	46.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, June 2, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
May 27,	29.96	58	65	50	87	78	82	S. W.	S. E.	3	9	O.	C.		0.00
Monday, 28,	29.93	64	75	54	74	68	71	S. W.	S.	8	9	C.	O.		0.00
Tuesday, 29,	29.85	56	59	54	93	90	92	S. E.	E.	23	3	R.	O.		0.85
Wednes'y, 30,	30.02	58	70	47	43	45	44	N. W.	S. W.	9	12	F.	O.		0.00
Thursday, 31,	29.81	50	54	46	93	97	95	E.	N.	15	7	R.	R.		0.62
June 1,	29.64	58	66	50	76	58	67	S. W.	S W.	16	10	F.	C.		0.17
Saturday, 2,	29.73	60	68	53	69	89	79	S. W.	S.	11	15	F.	R.		0.04
Week, - -	29.86		65	51			76								1.68

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 10 smaller towns of Massachusetts, as reported to the State Board of Health for the month of May.

The total death-rate of reporting towns for the month was 7.08.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Acute Lung Diseases.	Consumption.	Diphtheria and Croup.	Cerebro-spinal Meningitis.
Framingham, ...	9,560	4	0	1	..	1	..	..
Marblehead, ...	8,445	4	2	..	..	..	..	..
Revere, ...	8,224	2	0	..	..	..	..	..
Orange, ...	5,174	5	2	..	1	..	..	..
Hudson, ...	4,902	6	2	3	..	..	3	..
Concord, ...	4,627	3	0	..	1	..	..	..
Easthampton, ...	4,435	4	0	..	..	..	..	..
Merrimac, ...	2,633	2	0	..	..	..	..	..
Ashland, ...	2,532	0	0	..	..	..	..	..
Norton, ...	2,037	1	0	..	..	..	..	..
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Total of reporting towns, . .	52,569	31	6	4	2	1	3	..

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 9, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of May.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 23.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending June 9, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	179	44	24	27	2	14	4
Worcester,	100,412	26	8	2	3	..	1	..
Fall River,	92,236	29	14	4	1	2	1	..
Lowell,	90,608	21	7	3	5	..	1	..
Cambridge,	79,611	20	9	6	1	1	1	4
Lynn,	65,124	14	..	3	4	..	1	..
Somerville,	50,730	15	3	1	..	..	..	1
Springfield,	50,285	15	4	1	2	1	..	..
Lawrence,	49,902	11	..	4	1	2	..	..
New Bedford,	47,744	22	8	1	1	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	5	2	1	..	..	1	..
Salem,	33,155	11	2	..	..	..	..	..
Haverhill,	32,925	10	1	..	3	..	..	..
Malden,	30,209	8	2	1	1	..	1	..
Chelsea,	29,806	..	..	..	..	..	..	..
Fitchburg,	29,383	10	4	..	..	..	..	..
Newton,	28,837	5	2	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,951	10	0	..	1	..	..	..
Waltham,		8	3	..	2	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		3	0	1	..	..	..	..
Pittsfield,		..	..	..	..	..	..	..
Everett,		4	1	..	2	..	..	..
Northampton,		3	1	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		2	0	..	..	..	..	..
Newburyport,		7	0	..	2	..	..	..
Brookline,		4	1	..	..	..	..	..
Medford,		1	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		4	3	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		0	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,495,121	447	119	52	56	8	21	9

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Fifty-two deaths were reported from the principal infectious diseases; diphtheria and croup, 21; scarlet-fever, 9; diarrhœal diseases, 8; cerebro-spinal meningitis, 5; typhoid fever, 3; whooping-cough and erysipelas, 2 each; malarial fever and puerperal fever, 1 each.

No deaths were reported from small-pox.

There were 56 deaths from consumption; and acute lung diseases, 50.

From cerebro-spinal meningitis: Lawrence, 2; Worcester, Lowell and Lynn, 1 each. From typhoid fever: Lowell, Lynn and New Bedford, 1 each. From whooping-cough: Boston, 2. From erysipelas: Boston and Fall River, 1 each. From malarial fever: North Adams, 1. From puerperal fever: Boston, 1.

The deaths under five years of age were 119, as compared with 124 for the preceding week.

Deaths from the principal infectious diseases were 52, as compared with 61 for the preceding week.

The death rates for the week were: Boston, 18.57; Worcester, 13.46; Fall River, 16.35; Lowell, 12.05; Cambridge, 33.06; Lynn, 11.17; Somerville, 15.37; Springfield, 15.51; Lawrence, 11.46; New Bedford, 23.97; Holyoke, ——; Brockton, 7.66; Salem, 17.24; Haverhill, 15.79; Malden, 13.77; Chelsea, ——; Fitchburg, 17.69; Newton, 9.01; Gloucester, ——; Waltham, 18.90; Quincy, ——; North Adams, 8.25; Pittsfield, ——; Everett, 13.62; Northampton, 9.36; Marlborough, ——; Chicopee, ——; Woburn, 6.96; Newburyport, 25.75; Medford, 4.09.

The total death rate for the week was 15.54, against 16.65 and 17.99 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 9, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	12.	Measles,	28.
Scarlet-fever,	161.	Typhoid fever,	8.
Diphtheria and croup,	49.	Glanders,	1.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 9, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	29.68	62	70	55	72	53	62	S. W.	W.		9	10		C.	C.			0.14
Monday, 4,	29.66	70	82	57	63	36	50	S. W.	W.		14	12		F.	C.			0.00
Tuesday, 5,	29.82	57	60	54	52	67	60	E.	S. E.		6	5		O.	C.			T.
Wednes'y, 6,	29.91	56	65	47	59	65	62	N. W.	S. W.		14	11		O.	O.			T.
Thursday, 7,	29.78	56	60	51	74	55	64	N.	W.		10	12		O.	C.			0.11
Friday, 8,	30.02	60	73	48	44	44	44	W.	W.		9	8		C.	O.			0.00
Saturday, 9,	30.07	68	82	55	50	39	44	W.	N. W.		13	4		C.	O.			0.00
Week, - -	29.85	70	53				55											0.25

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of May: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	270	41	311	Maple Syrup,	1	0	1
Butter,	38	0	38	Canned Goods,	2	0	2
Cheese,	..	..	..	Honey,	2	2	4
Lard,	..	..	..	Tea,	1	0	1
Olive Oil,	1	0	1	Coffee,	6	2	8
Vinegar,	..	..	..	Cocoa,	..	..	..
Spices,	113	10	123	Confectionery,	..	..	..
Cream of Tartar,	32	2	34	Other articles of Food and Drinks,	8	0	8
Molasses,	2	0	2	Drugs,	23	14	37
Syrups,	..	..	..				
Maple Sugar,	1	0	1				
				Totals,	500	71	571

Percentage of adulteration, 12.4. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 13.2 per cent., against 60.2 per cent. for the preceding month, the standard for the months of May and June being only 12 per cent. This very marked difference may be accounted for by the fact that more than one-half of the samples taken during the month are found, on analysis, to contain between 12 and 13 per cent. of total solids, the number of such samples taken in May being 53 per cent. of the whole number.

Four complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Three of these were for violation of the statutes relative to the sale of Milk, and one of Honey. Fines were imposed amounting to $120.

The samples of drugs found to be adulterated were Ether, Chloroform, Chlorinated Lime, Extract of Liquorice, Red Wine, Stronger Ammonia Water, Tincture of Iodine, Whiskey and White Wine.

The cities and towns from which samples of food were collected were Boston, Worcester, Lowell, Cambridge, Somerville, Salem, Malden, Chelsea, Newton, Quincy, Marlborough, Woburn, Brookline, Dedham, Framingham, Hyde Park, Melrose, Norwood, Peabody, Readville, Revere, Stoughton and Winchester.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 16, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 24.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 16, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Diarrhœal Diseases.	Scarlet-fever.
Boston,	501,107	165	53	18	18	8	1	6
Worcester,	100,142	28	9	4	3	..	3	..
Fall River,	92,233	37	18	4	5	..	3	..
Lowell,	90,613	23	10	3	3	1	2	..
Cambridge,	79,607	27	10	12	2	2	2	8
Lynn,	65,123	17	1	2	1	..	..	..
Somerville,	50,727	10	1	..	1	..	..	..
Springfield,	50,284	20	9	5	3	..	..	..
Lawrence,	49,900	19	10	3	3	..	3	..
New Bedford,	47,741	17	5	2	..	..	..	1
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	6	2	..	1	..	..	..
Salem,	33,155	10	4	..	..	..	..	..
Haverhill,	32,925	10	4	..	1	..	..	..
Malden,	30,209	8	2	1	2	..	..	1
Chelsea,	29,809	10	3	2	..	..	..	2
Fitchburg,	29,383	5	3	2	1	1	..	..
Newton,	28,837	6	2	1	..	..	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
*Taunton,	26,954	3	0	..	..	..	..	..
Waltham,		4	0	..	..	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		5	2	1	1	..	..	..
Pittsfield,		5	2	..	1	..	..	..
Everett,		..	..	..	..	..	..	..
Northampton,		6	1	..	1	..	..	..
Marlborough,		6	2	4	1	..	2	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	0	..	1	..	..	..
Newburyport,		5	2	..	..	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		3	1	1	..	..	..	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		4	1	..	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

* The three deaths were at the Insane Hospital.

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diphtheria and Croup.	Diarrhœal Diseases.	Scarlet-fever.
Total of reporting towns,	1,530,837	464	157	65	50	12	17	19

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty-five deaths were reported from the principal infectious diseases; scarlet-fever, 19; diarrhœal diseases, 17; diphtheria and croup, 12; whooping-cough, 7; typhoid fever, 4; measles and cerebro-spinal meningitis, 2 each; erysipelas and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 50 deaths from acute lung diseases; consumption, 47; and still-births, 29.

From whooping-cough: Springfield, 3; Boston, 2; Fall River and Fitchburg, 1 each. From typhoid fever: Boston, New Bedford, North Adams and Marlborough, 1 each. From measles: Springfield, 2. From cerebro-spinal meningitis: Lynn and Marlborough, 1 each. From erysipelas: Worcester, 1. From puerperal fever: Lynn, 1.

The deaths under five years of age were 157, as compared with 119 for the preceding week.

Deaths from the principal infectious diseases were 65, as compared with 52 for the preceding week.

The death rates for the week were: Boston, 17.10; Worcester, 14.49; Fall River, 20.86; Lowell, 13.19; Cambridge, 17.63; Lynn, 13.57; Somerville, 10.25; Springfield, 20.68; Lawrence, 19.80; New Bedford, 18.52; Holyoke, ——; Brockton, 9.19; Salem, 15.68; Haverhill, 15.79; Malden, 13.77; Chelsea, 17.45; Fitchburg, 8.84; Newton, 10.81; Gloucester, ——; Taunton, 5.78; Waltham, 9.45; Quincy, ——; North Adams, 13.75; Pittsfield, 13.31; Everett, ——; Northampton, 18.72; Marlborough, 19.38; Chicopee, ——; Woburn, 13.92; Newburyport, 18.39; Medford, 12.28.

The total death rate for the week was 15.69, against 15.54 and 16.65 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 16, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	2.	Measles,	28.
Scarlet-fever,	163.	Typhoid fever,	14.
Diphtheria and croup,	42.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 16, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	30.07	72	86	59	48	48	48	W.	S. W.	7	11	C.	C.			0.00
Monday, 11,	29.99	78	93	62	59	81	70	W.	S. E.	12	8	F.	F.			0.00
Tuesday, 12,	30.08	63	72	54	78	93	85	N. W.	N. E.	3	20	O.	O.			0.00
Wednes'y, 13,	30.22	54	58	50	81	71	76	N. E.	S. E.	12	4	O.	C.			0.00
Thursday, 14,	30.20	65	82	49	53	56	55	W.	S.	7	10	F.	C.			0.00
Friday, 15,	30.05	74	88	60	65	58	62	W.	S. W.	10	10	C.	C.			0.00
Saturday, 16,	29.90	79	92	66	66	66	66	W.	S. W.	8	9	C.	C.			0.00
Week, - -	30.07		81	71			69									0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 23, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 25.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Gerard C. Tobey, Esq., Wareham.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
James W. Hull, Pittsfield.
Charles H. Porter, Quincy.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 23, 1894.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	230	74	29	34	9	12	5
Worcester,	100,410	15	12	1	..	..	1	..
Fall River,	92,233	46	30	11	4	6	1	..
Lowell,	90,613	30	15	2	4	1	1	..
Cambridge,	79,607	39	16	11	9	4	..	6
Lynn,	65,123	15	..	5	..	2	..	..
Somerville,	50,727	12	8	4	1	2	..	..
Springfield,	50,284	19	5	3	3	..	..	..
Lawrence,	49,900	15	8	7	1	5	2	..
New Bedford,	47,741	19	6	..	3	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	4	1	..	1	..	..	..
Salem,	33,155	7	2	2	..	..	2	..
Haverhill,	32,925	5	2	..	..	..	..	..
Malden,	30,209	12	3	1	2	..	1	..
Chelsea,	29,809	8	3	2	2	..	..	1
Fitchburg,	29,383	5	1	..	1	..	..	..
Newton,	28,837	2	1	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	5	0	1	..	..	1	..
Waltham,		5	0	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		7	1	1	1	..	..	..
Pittsfield,		3	1	..	..	..	..	..
Everett,		8	4	..	..	..	..	..
Northampton,		3	1	1	..	..	..	..
Marlborough,		5	4	3	..	1	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		5	1	..	..	..	..	..
Newburyport,		7	2	1	..	..	..	1
Brookline,		3	0	..	..	..	..	..
Medford,		5	3	2	1	1	..	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	0	..	1	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		4	0	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,570,571	551	205	87	69	31	21	14

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-seven deaths were reported from the principal infectious diseases; diarrhœal diseases, 31; diphtheria and croup, 21; scarlet-fever, 14; whooping-cough, 10; cerebro-spinal meningitis, 8; typhoid fever, 2; measles, 1.

No deaths were reported from small-pox and malarial fever.

There were 69 deaths from consumption; acute lung diseases, 53; and still-births, 35.

From whooping-cough: Fall River, 3; Boston, 2; Cambridge, Lynn, Springfield, North Adams and Marlborough, 1 each. From cerebro-spinal meningitis: Somerville and Lawrence, 2 each; Fall River, Lynn, Chelsea, Newburyport and Medford, 1 each. From typhoid fever: Boston and Lynn, 1 each. From measles: Northampton, 1.

The deaths under five years of age were 205, as compared with 157 for the preceding week.

Deaths from the principal infectious diseases were 87, as compared with 65 for the preceding week.

The death rates for the week were: Boston, 23.86; Worcester, 7.76; Fall River, 25.93; Lowell, 17.21; Cambridge, 25.47; Lynn, 11.97; Somerville, 12.30; Springfield, 19.64; Lawrence, 15.63; New Bedford, 20.70; Holyoke, ——; Brockton, 6.12; Salem, 10.97; Haverhill, 7.89; Malden, 20.65; Chelsea, 12.96; Fitchburg, 8.84; Newton, 3.60; Gloucester, ——; Taunton, 9.64; Waltham, 11.81; Quincy, ——; North Adams, 19.05; Pittsfield, 7.98; Everett, 27.25; Northampton, 9.36; Marlborough, 16.15; Chicopee, ——; Woburn, 17.40; Newburyport, 25.75; Medford, 20.47.

The total death rate for the week was 18.24, against 15.69 and 15.54 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 23, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	2.	Measles,	28.
Scarlet-fever,	98.	Typhoid fever,	24.
Diphtheria and croup,	79.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, June 23, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	29.86	84	95	72	64	46	55	W.	S. W.	10	9	O.	F.		0.00
Monday, 18,	29.98	79	90	68	68	68	68	S. W.	S. W.	5	16	C.	C.		0.00
Tuesday, 19,	30.06	75	83	67	86	86	86	S. W.	S.	12	14	O.	O.		0.00
Wednes'y, 20,	30.01	74	80	68	86	86	86	S. W.	S.	10	8	O.	C.		T.
Thursday, 21,	30.06	74	83	65	66	84	75	W.	S. W.	9	5	C.	C.		0.33
Friday, 22,	29.97	77	88	66	70	70	70	N. W.	S. W.	6	12	C.	C.		0.00
Saturday, 23,	29.94	83	94	72	62	54	58	W.	W.	14	9	C.	O.		T.
Week, - -	29.98		88	68			71								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 30, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 26.

STATE BOARD OF HEALTH.

Henry P. Walcott, M.D., Cambridge, *Chairman.*
Gerard C. Tobey, Esq., Wareham.
Frank W. Draper, M.D., Boston.
Hiram F. Mills, C.E., Lawrence.
Joseph W. Hastings, M.D., Warren.
James W. Hull, Pittsfield.
Charles H. Porter, Quincy.

Samuel W. Abbott, M.D., *Secretary.*
F. P. Stearns, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 30, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	168	48	22	26	8	12	1
Worcester,	100,410	29	12	3	3	..	..	..
Fall River,	92,233	49	35	25	1	24	..	..
Lowell,	90,613	38	20	7	4	6	1	..
Cambridge,	79,607	29	12	5	5	1	..	3
Lynn,	65,123	..	..	..	..	..	..	..
Somerville,	50,727	15	6	3	3	..	..	2
Springfield,	50,284	21	6	5	2	3	1	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	17	5	1	3	1	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	7	3	2	3	..	..	..
Salem,	33,155	10	3	..	1	..	..	..
Haverhill,	32,925	10	2	..	2	..	..	..
Malden,	30,209	10	1	3	2	1	..	1
Chelsea,	29,806	11	2	..	2	..	..	..
Fitchburg,	29,383	8	2	..	..	..	..	..
Newton,	28,837	7	4	1	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	8	1	1	5	..	1	..
Waltham,		2	0	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		3	0	..	4	..	..	..
Pittsfield,		5	0	..	..	..	..	..
Everett,		3	0	..	2	..	..	..
Northampton,		4	1	..	..	..	..	..
Marlborough,		4	1	1	..	1	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		..	..	..	..	..	..	..
Newburyport,		0	0	..	..	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		4	1	1	..	..	1	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	1	1	..	1	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		1	0	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,426,185	466	166	81	70	45	17	7

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-one deaths were reported from the principal infectious diseases; diarrhœal diseases, 45; diphtheria and croup, 17; scarlet-fever, 7; whooping-cough, 7; typhoid fever, 2; measles and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 70 deaths from consumption; acute lung diseases, 30; and still-births, 40.

From whooping-cough: Worcester, 3; Brockton, 2; Cambridge and Newton, 1 each. From typhoid fever: Boston and Somerville, 1 each. From measles: Fall River, 1. From puerperal fever: Springfield, 1.

The deaths under five years of age were 166, as compared with 205 for the preceding week.

Deaths from the principal infectious diseases were 81, as compared with 87 for the preceding week.

The death rates for the week were: Boston, 17.43; Worcester, 15.01; Fall River, 27.62; Lowell, 21.80; Cambridge, 18.94; Lynn, ——; Somerville, 15.37; Springfield, 21.71; Lawrence, ——; New Bedford, 18.52; Holyoke, ——; Brockton, 10.72; Salem, 15.68; Haverhill, 15.79; Malden, 17.21; Chelsea, 19.19; Fitchburg, 14.15; Newton, 12.62; Gloucester, ——; Taunton, 15.43; Waltham, 4.72; Quincy, ——; North Adams, 8.25; Pittsfield, 13.31; Everett, 10.22; Northampton, 12.48; Marlborough, 12.92; Chicopee, ——; Woburn, ——; Newburyport, ——; Medford, 16.37.

The total death rate for the week was 16.99, against 18.24 and 15.69 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 30, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

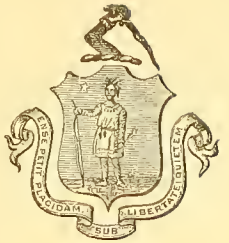
Small-pox,	2.	Measles,	16.
Scarlet-fever,	65.	Typhoid fever,	8.
Diphtheria and croup,	15.	Hydrophobia,	1.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 30, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 24,	30.25	56	58	55	91	81	86	N. E.	E.	18	10		O.	O.			T.
Monday, 25,	30.12	64	71	56	89	83	86	S. E.	S. W.	5	12		O.	O.			T.
Tuesday, 26,	29.98	77	88	66	92	75	84	S. W.	S. W.	10	16		O.	O.			0.00
Wednes'y, 27,	29.88	78	84	71	89	82	86	S. W.	S. W.	17	13		O.	F.			0.00
Thursday, 28,	29.96	78	87	69	68	74	71	W.	S. W.	8	5		C.	O.			T.
Friday, 29,	30.12	60	63	58	95	93	94	N. E.	N. E.	8	6		O.	O.			0.01
Saturday, 30,	30.04	70	82	58	97	82	90	N. E.	S. W.	5	12		O.	O.			T.
Week, - -	30.07		76	62			85										

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 7, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 27.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 7, 1894.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population, 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	196	65	29	22	13	7	3
Worcester,	100,410	24	9	6	3	4	1	..
Fall River,	92,233	52	42	28	2	28	..	..
Lowell,	90,613	26	16	11	1	9	..	1
Cambridge,	79,607	19	9	6	3	3	..	2
Lynn,	65,123	12	1	..	2	..	..	..
Somerville,	50,727	12	5	1	2	1	..	..
Springfield,	50,284	17	13	11	..	11	..	..
Lawrence,	49,900	16	7	1	..	..	..	..
New Bedford,	47,741	14	6	4	2	4	..	..
Holyoke,	43,348	29	15	15	2	11	..	..
Brockton,	33,939	6	1	..	2	..	..	..
Salem,	33,155	9	..	..	..	..	..	..
Haverhill,	32,925	6	0	..	3	..	..	..
Malden,	30,209	7	2	..	1	..	..	..
Chelsea,	29,806	6	2	1	2	..	..	..
Fitchburg,	29,383	9	1	..	..	..	..	..
Newton,	28,837	6	2	1	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	6	6	..	4	1	1
Waltham,		4	0	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		2	0	..	..	..	..	..
Pittsfield,		4	1	..	1	..	..	..
Everett,		4	2	..	1	..	..	..
Northampton,		7	3	2	2	1	..	..
Marlborough,		3	0	1	1	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		1	1	..	..	..	..	..
Newburyport,		3	1	1	..	1	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		5	2	1	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		4	1	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		2	0	..	1	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,599,454	518	213	125	55	90	9	7

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-five deaths were reported from the principal infectious diseases; diarrhœal diseases, 90; diphtheria and croup, 9; cerebro-spinal meningitis, 8; scarlet-fever, 7; whooping-cough, 4; typhoid fever, 4; measles, 2; erysipelas, 1.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 55 deaths from consumption; acute lung diseases, 30; and still-births, 27.

From cerebro-spinal meningitis: Boston, 3; Holyoke, 2; Worcester, Chelsea and Northampton, 1 each. From whooping-cough: Boston, 2; Cambridge and Newton, 1 each. From typhoid fever: Boston, Lowell, Marlborough and Brookline, 1 each. From measles: Holyoke, 2. From erysipelas: Lawrence, 1.

The deaths under five years of age numbered 213, as compared with 166 for the preceding week.

Deaths from the principal infectious diseases numbered 125, as compared with 81 for the preceding week.

The death rates for the week were: Boston, 20.34; Worcester, 12.42; Fall River, 29.31; Lowell, 24.92; Cambridge, 12.41; Lynn, 9.58; Somerville, 12.30; Springfield, 17.57; Lawrence, 16.67; New Bedford, 15.25; Holyoke, 34.79; Brockton, 9.19; Salem, 14.11; Haverhill, 9.47; Malden, 12.04; Chelsea, 10.47; Fitchburg, 15.92; Newton, 10.81; Gloucester, ——; Taunton, 23.15; Waltham, 9.45; Quincy, ——; North Adams, 5.50; Pittsfield, 10.84; Everett, 13.62; Northampton, 21.84; Marlborough, 9.69; Chicopee, ——; Woburn, 3.48; Newburyport, 11.03; Medford, 20.47.

The total death rate for the week was 16.21, against 16.99 and 18.24 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 7, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	50.	Typhoid fever,	4.
Diphtheria and croup,	18.	Small-pox,	2.
Measles,	7.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 7, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 1,	30.04	80	92	68	67	70	69	W.	S. W.	10	12	C.	C.		0.00
Monday, 2,	30.04	79	86	72	71	76	74	N. E.	S. W.	5	14	C.	C.		0.00
Tuesday, 3,	29.84	75	86	64	95	80	88	S. E.	S. W.	5	12	O.	C.		0.18
Wednes'y, 4,	29.83	77	88	66	45	70	58	W.	W.	12	7	C.	C.		0.01
Thursday, 5,	29.86	72	80	63	52	48	50	W.	N. W.	17	8	C.	C.		0.00
Friday, 6,	29.86	70	80	61	47	64	56	S. W.	S.	5	8	O.	O.		0.00
Saturday, 7,	29.78	72	81	63	65	57	61	S. W.	N. W.	12	14	C.	F.		0.04
Week, - -	29.89		85	65			65								0.23

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 8 smaller towns of Massachusetts, as reported to the State Board of Health for the month of June.

The total death-rate of reporting towns was 13.9.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from: Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Revere,	7,293	7	1	2	..	..	1	1
Hudson,	5,232	4	0	..	2	..	..	..
Orange,	5,302	7	1	1	1	1	..	..
Concord,	4,987	10	0	..	..	..	..	..
Easthampton,	4,478	6	1	..	..	..	..	..
Merrimac,	2,837	3	2	..	..	..	..	..
Ashland,	2,532	2	1	..	..	..	..	..
Norton,	1,839	1	0	..	..	..	..	..
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Total of reporting towns,	34,500	40	6	3	3	1	1	1

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 14, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of June.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 28.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending July 14, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	195	56	34	31	25	6	3
Worcester,	100,410	39	18	18	3	14	1	..
Fall River,	92,233	63	45	38	2	35	2	..
Lowell,	90,613	49	28	25	7	23	..	..
Cambridge,	79,607	36	23	20	2	12	2	3
Lynn,	65,123	13	4	3	1	3	..	..
Somerville,	50,727	17	7	6	2	2	..	2
Springfield,	50,284	25	14	10	4	10	..	..
Lawrence,	49,900	25	16	16	2	13	..	1
New Bedford,	47,741	26	13	6	4	5	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	7	1	..	1	..	..	..
Salem,	33,155	14	11	6	..	6	..	..
Haverhill,	32,925	9	5	2	..	2	..	..
Malden,	30,209	8	2	1	1	..	1	..
Chelsea,	29.806	13	6	1	..	1	..	..
Fitchburg,	29,383	7	2	..	1	..	..	..
Newton,	28,837	9	2	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	6	0	..	2	..	..	..
Waltham,		6	1	1	1	..	1	..
Quincy,		..	..	..	..	..	..	..
North Adams,		4	2	2	..	2	..	..
Pittsfield,		4	1	1	..	1	..	..
Everett,		..	..	..	..	..	..	..
Northampton,		5	1	1	1	1	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		9	7	3	1	3	..	..
Newburyport,		9	3	1	1	1	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		6	4	2	..	2	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		6	3	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	1	..	1	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		1	0	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,524,788	613	276	197	69	161	13	9

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and ninety-seven deaths were reported from the principal infectious diseases; diarrhœal diseases, 161; diphtheria and croup, 13; scarlet-fever, 9; cerebro-spinal meningitis, 6; whooping-cough, 5; typhoid fever, 2; erysipelas, 1.

No deaths were reported from small-pox, malarial fever, measles and puerperal fever.

There were 69 deaths from consumption; acute lung diseases, 20; and still-births, 34.

From cerebro-spinal meningitis: Worcester, 3; Fall River, Somerville and Lawrence, 1 each. From whooping-cough: Cambridge, 3; Somerville and New Bedford, 1 each. From typhoid fever: Lowell and Lawrence, 1 each. From erysipelas: Lowell, 1.

The deaths under five years of age numbered 276, as compared with 213 for the preceding week.

Deaths from the principal infectious diseases numbered 197, as compared with 125 for the preceding week.

The death rates for the week were: Boston, 20.23; Worcester, 20.19; Fall River, 35.51; Lowell, 28.11; Cambridge, 23.51; Lynn, 10.38; Somerville, 17.42; Springfield, 25.85; Lawrence, 26.05; New Bedford, 28.33; Holyoke, ——; Brockton, 10.72; Salem, 21.85; Haverhill, 14.21; Malden, 13.77; Chelsea, 22.68; Fitchburg, 12.38; Newton, 16.22; Gloucester, ——; Taunton, 11.57; Waltham, 14.17; Quincy, ——; North Adams, 10.00; Pittsfield, 10.64; Everett, ——; Northampton, 15.60; Marlborough, ——; Chicopee, ——; Woburn, 31.32; Newburyport, 33.11; Medford, 24.56.

The total death rate for the week was 20.91, against 16.21 and 16.99 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 14, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	0.	Measles,	4.
Scarlet-fever,	55.	Typhoid fever,	8.
Diphtheria and croup,	20.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 14, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 8,	30.00	64	70	57	60	61	60	W.	N. W.	10	8	O.	O.		0.00
Monday, 9,	30.11	66	75	56	56	56	56	W.	S. W.	6	12	C.	C.		0.00
Tuesday, 10,	30.07	64	71	56	60	70	65	N. W.	S. E.	4	3	H.	F.		0.00
Wednes'y, 11,	30.00	72	83	62	60	54	57	S. W.	S. W.	4	11	F.	C.		T.
Thursday, 12,	29.86	74	80	69	61	63	62	S. W.	S. W.	16	12	O.	F.		0.01
Friday, 13,	29.80	86	97	75	47	47	47	S. W.	S. W.	15	13	C.	O.		0.00
Saturday, 14,	29.87	72	79	66	55	76	66	N. E.	S. E.	5	2	O.	F.		0.05
Week, - -	29.96		79	63			59								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of Junc : —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	304	51	355	Maple Syrup, . .	..	..	..
Butter, . . .	14	0	14	Canned Goods, .	..	..	..
Cheese, . . .	3	0	3	Honey, . . .	..	..	..
Lard, . . .	..	..	..	Tea, . . .	12	0	12
Olive Oil, . . .	3	0	3	Coffee, . . .	9	3	12
Vinegar, . . .	3	1	4	Cocoa, . . .	..	..	..
Spices, . . .	62	16	78	Confectionery, .	..	..	..
Cream of Tartar, .	22	0	22	Other articles of Food and Drinks,	3	4	7
Molasses, . . .	6	0	6	Drugs, . . .	15	22	37
Syrnps, . . .	..	..	..				
Maple Sugar, . .	..	..	..	Totals, . .	456	97	553

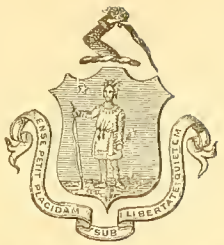
Percentage of adulteration, 17.5. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be adulterated was 16.7 per cent.. against 13.2 per cent. for the preceding month, the standard for the months of May and June being only 12 per cent. Nearly one-half of the samples taken during the month are found, on analysis, to contain between 12 and 13 per cent. of total solids, the number of such samples taken in June being 48.7 per cent. of the whole number.

Six complaints were entered in the conrts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $250.

The samples of drugs found to be adulterated were Acetic Acid, Ammonia Water, Carbolic Acid, Red Wine, Stronger Ammonia Water, Tincture of Iodine, Tincture of Opium, Whiskey and White Wine.

The cities and towns from which samples of food were collected were Boston, Fall River, Cambridge, Somerville, Brockton, Chelsea, Newton, Gloucester, Taunton, Waltham, Quincy, Woburn, Medford, Brookline, Dedham, Hyde Park, Melrose, Revere, Stoneham, Stoughton, Wakefield, Westborough and Winthrop.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 21, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 29.

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MORTALITY OF MASSACHUSETTS

For the Week ending July 21, 1894.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	266	132	99	26	77	8	6
Worcester,	100,410	58	22	19	3	19	..	..
Fall River,	92,233	63	48	32	4	30	..	1
Lowell,	90,613	51	39	31	5	31	..	..
Cambridge,	79,607	52	34	25	3	21	3	..
Lynn,	65,123	12	7	7	..	6	..	..
Somerville,	50,727	25	12	8	5	5	..	2
Springfield,	50,284	25	17	11	3	10	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	28	20	12	1	12	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	13	4	..	2	..	..	..
Salem,	33,155	15	10	7	1	7	..	..
Haverhill,	32,925	5	3	1	1	1	..	..
Malden,	30,209	9	2	3	1	2	1	..
Chelsea,	29.806	22	15	7	1	4	..	..
Fitchburg,	29,383	10	6	2	1	2	..	..
Newton,	28,837	12	8	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	10	7	7	1	6	1	..
Waltham,		3	3	2	..	2	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		6	2	3	..	1	..	1
Pittsfield,		6	2	4	..	2	..	..
Everett,		9	6	..	..	..	..	..
Northampton,		9	6	5	..	5	..	..
Marlborough,		4	2	3	1	3	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		9	6	3	1	2	..	..
Newburyport,		3	2	1	..	1	..	..
Brookline,		2	0	..	..	..	..	..
Medford,		11	6	1	..	1	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		6	3	2	..	..	2	..
Clinton,		4	2	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		2	0	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,532,232	752	427	295	61	250	15	10

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and ninety-five deaths were reported from the principal infectious diseases; diarrhœal diseases, 250; diphtheria and croup, 15; scarlet-fever, 10; whooping-cough, 9; cerebro-spinal meningitis, 6; typhoid fever, 4; erysipelas, 1.

No deaths were reported from small-pox, malarial fever, puerperal fever and measles.

There were 61 deaths from consumption; acute lung diseases, 36; and still-births, 33.

From whooping-cough: Boston, 5; Fall River, Cambridge, Lynn and Springfield, 1 each. From cerebro-spinal meningitis: Chelsea and Pittsfield, 2 each; Boston and Somerville, 1 each. From typhoid fever: Boston, Chelsea, North Adams and Woburn, 1 each. From erysipelas: Boston, 1.

The deaths under five years of age numbered 427, as compared with 276 for the preceding week.

Deaths from the principal infectious diseases numbered 295, as compared with 197 for the preceding week.

The death rates for the week were: Boston, 27.59; Worcester, 30.03; Fall River, 35.51; Lowell, 27.26; Cambridge, 33.96; Lynn, 9.58; Somerville, 25.62; Springfield, 25.85; Lawrence, ——; New Bedford, 30.51; Holyoke, ——; Brockton, 19.91; Salem, 23.52; Haverhill, 7.89; Malden, 15.49; Chelsea, 38.39; Fitchburg, 17.69; Newton, 21.63; Gloucester, ——; Tauntou, 19.29; Waltham, 7.08; Quincy, ——; North Adams, 16.50; Pittsfield, 15.97; Everett, 30 66; Northampton, 28.08; Marlborough, 12.92; Chicopee, ——; Woburn, 31.32; Newburyport, 11.03; Medford, ——.

The total death rate for the week was 25.52, against 20.91 and 16.21 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 21, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

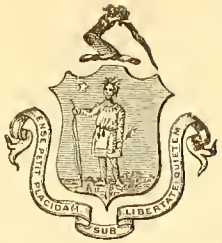
Small-pox,	1.	Measles,	1.
Scarlet-fever,	40.	Typhoid fever,	25.
Diphtheria and croup,	31.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 21, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 15,	30.00	72	79	65	64	90	77	N. W.	E.	5	12	C.	C.		0.00
Monday, 16,	30.11	64	67	61	90	100	95	N.	E.	4	3	C.	G.		0.00
Tuesday, 17,	30.19	64	70	59	94	88	91	E.	E.	3	4	O.	O.		0.00
Wednes'y, 18,	30.16	74	82	65	83	84	84	S. W.	S. W.	6	11	O.	C.		0.00
Thursday, 19,	29.98	78	87	68	76	69	72	S. W.	S. W.	4	10	O.	C.		0.00
Friday, 20,	29.82	84	95	72	62	68	65	W.	S. W.	2	9	C.	C.		0.00
Saturday, 21,	29.81	76	87	65	60	87	74	N. W.	N. E.	6	16	C.	O.		0.73
Week, - -	30.01		81	65			80								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 28, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 30.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrenee.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 28, 1894.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths From				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	313	175	118	27	102	13	1
Worcester,	100,410	36	14	8	4	6	1	1
Fall River,	92,233	71	45	35	8	34	..	..
Lowell,	90,613	52	37	32	2	29	..	1
Cambridge,	79,607	40	26	10	4	17	..	2
Lynn,	65,123	..	..	..	..	..	..	..
Somerville,	50,727	19	12	13	..	11	1	..
Springfield,	50,284	18	11	10	2	8	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	20	15	12	1	11	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	5	2	2	1	1	1	..
Salem,	33,155	20	13	9	1	8	..	..
Haverhill,	32,925	9	3	1	1	1	..	..
Malden,	30,209	8	4	6	..	5	..	..
Chelsea,	29,806	12	8	2	1	1	..	1
Fitchburg,	29,383	7	6	3	..	1	..	..
Newton,	28,837	14	7	4	1	4	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	21	14	7	1	5	2	..
Waltham,		4	0	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		15	10	9	1	9	..	..
Pittsfield,		4	2	2	..	1	..	..
Everett,		5	3	2	1	1	..	..
Northampton,		4	2	2	..	1	..	..
Marlborough,		4	0	2	..	2	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		11	6	..	1	..	..	..
Newburyport,		..	..	..	..	..	..	..
Brookline,		..	..	..	..	..	..	..
Medford,		8	5	2	1	2	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		7	4	2	..	2	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	1	1	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,416,981	730	425	294	59	262	18	6

DEATHS FROM PREVALENT DISEASES IN 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and ninety-four deaths were reported from the principal infectious diseases; diarrhœal diseases, 262; diphtheria and croup, 18; scarlet-fever, 6; typhoid fever, 5; cerebro-spinal meningitis, 5; whooping-cough, 6; measles and erysipelas, 1 each.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 59 deaths from consumption; acute lung diseases, 22; and still-births, 20.

From whooping-cough: Boston and Fitchburg, 2 each; Cambridge and Salem, 1 each. From cerebro-spinal meningitis: Boston, Somerville, Springfield, Pittsfield and Everett, 1 each. From measles: Springfield, 1. From erysipelas: Lowell, 1.

The deaths under five years of age numbered 425, as compared with 427 for the preceding week.

Deaths from the principal infectious diseases numbered 294, as compared with 295 for the preceding week.

The death rates for the week were: Boston, 32.47; Worcester, 18.64; Fall River, 41.02; Lowell, 29.84; Cambridge, 26.12; Lynn, ——; Somerville, 19.47; Springfield, 18.61; Lawrence, ——; New Bedford, 21.79; Holyoke, ——; Brockton, 7.66; Salem, 31.36; Haverhill, 14.21; Malden, 13.77; Chelsea, 20.94; Fitchburg, 12.38; Newton, 25.24; Gloucester, ——; Taunton, 40.51; Waltham, 9.45; Quincy, ——; North Adams, 41.26; Pittsfield, 10.64; Everett, 17 03; Northampton, 12.48; Marlborough, 12.92; Chicopee, ——; Woburn, 38.29; Newburyport, ——; Medford, 32.75.

The total death rate for the week was 26.78, against 25.52 and 20.91 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 28, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Small-pox,	0.	Measles,	4.
Scarlet-fever,	35.	Typhoid fever,	25.
Diphtheria and croup,	21.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 28, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 22,	30.04	64	69	58	90	77	83	N. E.	N. E.	11	4	O.	O.		0.40
Monday, 23,	30.12	64	70	59	70	82	76	N. E.	E.	6	9	C.	F.		0.00
Tuesday, 24,	29.96	70	79	61	97	82	90	E.	N. W.	20	5	R.	C.		1.12
Wednes'y, 25,	30.06	78	88	68	59	86	72	W.	S.	12	8	C.	R.		0.45
Thursday, 26,	30.20	76	83	69	71	78	74	N. W.	E.	8	5	C.	C.		0.06
Friday, 27,	30.22	74	83	66	72	86	79	S. E.	S. W.	6	12	C.	O.		0.00
Saturday, 28,	30.00	84	97	70	73	65	69	W.	S. W.	13	10	C.	F.		0.00
Week, - -	30.00		81	65			77								2.03

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 4, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 31.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 4, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	276	145	98	27	75	4	14
Worcester,	100,410	41	28	20	..	17	1	1
Fall River,	92,233	64	43	27	3	27	..	..
Lowell,	90,613	39	28	23	1	23	..	..
Cambridge,	79,607	37	15	16	2	12	..	1
Lynn,	65,123	19	11	6	..	6	..	..
Somerville,	50,727	23	16	11	..	8	1	..
Springfield,	50,284	21	10	10	..	9	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	31	20	14	3	14	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	..	..	..	..	..	..	..
Salem,	33,155	19	11	7	1	5	1	..
Haverhill,	32,925	15	10	6	2	6	..	..
Malden,	30,209	15	9	6	1	4	..	1
Chelsea,	29,806	25	13	3	4	..	1	2
Fitchburg,	29,383	9	6	3	..	3	..	..
Newton,	28,837	..	..	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	9	4	3	2	2	..	1
Waltham,		4	2	1	2	1	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		10	7	6	1	5	..	..
Pittsfield,		8	4	4	1	4	..	..
Everett,		5	5	5	..	4	..	..
Northampton,		12	3	5	3	2	..	2
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		8	6	3	1	3	..	..
Newburyport,		6	4	4	..	3	..	..
Brookline,		5	2	..	1	..	..	..
Medford,		7	1	3	1	3	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	2	..	..	..	..	..
Clinton,		3	0	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		3	0	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,453,410	719	405	287	56	239	8	22

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and eighty-seven deaths were reported from the principal infectious diseases; diarrhœal diseases, 239; diphtheria and croup, 22; typhoid fever, 8; whooping-cough, 8; scarlet-fever, 6; cerebro-spinal meningitis, 3; erysipelas, 1.

No deaths were reported from small-pox, measles, malarial fever and puerperal fever.

There were 56 deaths from consumption; acute lung diseases, 25; and still-births, 28.

From whooping-cough: Boston, 3; Cambridge, Springfield, Salem and Malden, 1 each. From scarlet-fever: Boston and Somerville, 2 each; Cambridge and North Adams, 1 each. From cerebro-spinal meningitis: Worcester, Everett and Northampton, 1 each. From erysipelas: Worcester, 1.

Deaths under five years of age numbered 405, as compared with 425 for the preceding week.

Deaths from the principal infectious diseases numbered 287, as compared with 294 for the preceding week.

The death rates for the week were: Boston, 28.63; Worcester, 21.22; Fall River, 36.08; Lowell, 22.38; Cambridge, 24.16; Lynn, 15.17; Somerville, 23.57; Springfield, 21.71; Lawrence, ——; New Bedford, 33.78; Holyoke, ——; Brockton, ——; Salem, 29.79; Haverhill, 23.68; Malden, 25.81; Chelsea, 43.62; Fitchburg, 15.93; Newton, ——; Gloucester, ——; Taunton, 17.36; Waltham, 10.45; Quincy, ——; North Adams, 27.51; Pittsfield, 17.29; Everett, 17.03; Northampton, 37.44; Marlborough, ——; Chicopee, ——; Woburn, 27.84; Newburyport, 18.39; Medford, 28.65.

The total death rate for the week was 25.72, against 26.78 and 25.52 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUGUST 4, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	44.	Typhoid fever, ...	30.
Diphtheria and croup, ...	29.	Measles, ...	3.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 4, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
July																		
Sunday, 29,	29.89	84	94	75	72	66	69	S. W.	S. E.		10	5		F.	F.			0.00
Monday, 30,	29.94	78	88	68	69	52	60	W.	W.		9	7		F.	C.			0.04
Tuesday, 31,	30.00	77	85	69	54	68	61	W.	W.		6	11		F.	O.			0.00
Aug.																		
Wednes'y, 1,	30.04	68	72	63	58	64	61	N. E.	S. E.		10	9		F.	F.			0.00
Thursday, 2,	30.01	70	77	62	90	81	86	E.	S.		11	11		O.	O.			0.00
Friday, 3,	29.84	73	80	66	95	82	88	S. E.	S. W.		4	10		R.	O.			0.11
Saturday, 4,	29.98	69	74	64	73	58	66	N. W.	W.		5	11		R.	O.			0.04
Week, - -	29.96		81	67			70											

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 7 smaller towns of Massachusetts, as reported to the State Board of Health for the month of July.

The total death-rate of reporting towns was 16.53.

TOWNS.	ESTIMATED POPULATION.	Reported Deaths in Each.	Deaths under five years of age.	DEATHS FROM				
				Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	
Revere, ...	7,293	16	8	4	..	4	..	..
Hudson, ...	5,232	5	2	..	..	..	..	..
Orange, ...	5,302	8	1	2	..	1	1	..
Concord, ...	4,987	5	1	1	1	1	..	..
Easthampton, ...	4,478	8	5	..	..	..	..	..
Merrimac, ...	2,837	3	0	..	1	..	..	..
Ashland, ...	2,532	0	0	..	..	..	..	..
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Total of reporting towns, . .	32,661	45	17	7	2	6	1	

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 11, 1894.

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of July.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 32.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Warcham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending August 11, 1894.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Whooping-cough.
Boston,	501,107	252	132	88	17	68	3	6
Worcester,	100,410	22	16	12	..	9	..	3
Fall River,	92,233	..	..	..	..	..	..	..
Lowell,	90,613	33	23	21	3	20	..	..
Cambridge,	79,607	37	21	18	5	13	..	3
Lynn,	65,123	..	..	..	..	..	..	..
Somerville,	50,727	25	13	11	7	6	1	3
Springfield,	50,284	18	9	6	3	5	..	1
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	21	12	9	1	9	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	2	1	..	1	..	..
Salem,	33,155	22	8	5	1	4	..	1
Haverhill,	32,925	6	1	1	1	..	1	..
Malden,	30,209	12	3	4	2	2	1	..
Chelsea,	29,806	20	5	1	1	..	1	..
Fitchburg,	29,383	10	8	4	..	4	..	..
Newton,	28,837	..	..	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	27	11	..	4	..	..	..
Waltham,		3	1	1	..	1	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		4	0	2	..	2	..	..
Pittsfield,		5	5	1	..	1	..	..
Everett,		7	2	2	2	1	1	..
Northampton,		..	..	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		3	0	1	1	1	..	..
Newburyport,		6	2	1	1	1	..	..
Brookline,		5	1	1	1	..	1	..
Medford,		4	1	1	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	1	..	1	..	..
Clinton,		6	1	2	1	2	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Whooping-cough.
Total of reporting towns,	1,302,314	559	278	194	51	151	9	17

DEATHS FROM PREVALENT DISEASES IN 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and ninety-four deaths were reported from the principal infectious diseases; diarrhœal diseases, 151; whooping-cough, 17; typhoid fever, 9; diphtheria and croup, 9; scarlet-fever, 7; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox, malarial fever, measles and puerperal fever.

There were 51 deaths from consumption; acute lung diseases, 35; and still-births, 19.

From diphtheria and croup: Boston, 8; Cambridge, 1. From scarlet-fever: Boston. 2; Lowell, Cambridge, Somerville and Malden, 1 each. From cerebro-spinal meningitis: Boston, 1.

Deaths under five years of age numbered 194, as compared with 405 for the preceding week.

Deaths from the principal infectious diseases numbered 194, as compared with 287 for the preceding week.

The death rates for the week were: Boston, 26.13; Worcester, 16.89; Fall River, ——; Lowell, 18.60; Cambridge, 21.23; Lynn, ——; Somerville, 25.65; Springfield, 18.61; Lawrence, ——; New Bedford, 22.88; Holyoke, ——; Brockton, 12.25; Salem, 34.99; Haverhill, 9.47; Malden, 20.65; Chelsea, 39.40; Fitchburg, 17.69; Newton, ——; Gloucester, ——; Taunton, 52.19; Waltham, 7.08; Quincy, ——; North Adams, 15.00; Pittsfield, 18.31; Everett, 23 84; Northampton, ——; Marlborough, ——; Chicopee, ——; Woburn, 10.44; Newburyport, 22.07; Medford, 16.37.

The total death rate for the week was 22.32, against 25.72 and 26.78 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUGUST 11, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	74.	Typhoid fever,	32.
Diphtheria and croup,	23.	Measles,	2.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Aug. 11. 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 5,	30.12	69	78	60	64	53	58	W.	W.	12	5	O.	C.		0.00
Monday, 6,	30.13	72	84	60	60	57	58	W.	S. W.	5	13	C.	C.		0.00
Tuesday, 7,	30.03	74	84	63	58	59	58	W.	S. W.	5	16	O.	C.		0.00
Wednes'y, 8,	29.92	78	90	67	65	69	67	S. W.	S. W.	8	10	C.	O.		0.00
Thursday, 9,	29.91	72	83	62	87	87	87	W.	N. E.	7	10	R.	R.		0.51
Friday, 10,	30.09	66	77	56	63	50	56	N. W.	N.	6	9	C.	C.		0.02
Saturday, 11,	30.19	61	67	55	54	58	56	N. W.	S. E.	5	10	C.	C.		0.00
Week, - -	30.06		80	60			63								0.53

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following snmmary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of July : —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	125	362	487	Maple Syrnp, . .	..	..	..
Bntter, . . .	7	0	7	Canned Goods, .	..	..	..
Cheese, . . .	..	..	..	Honey, . . .	..	..	..
Lard, . . .	..	..	..	Tea, . . .	5	1	6
Olive Oil, . . .	5	0	5	Coffee, . . .	6	1	7
Vinegar, . . .	1	1	2	Cocoa, . . .	..	..	..
Spices, . . .	104	11	115	Confectionery, .	..	..	..
Cream of Tartar, .	24	1	25	Other articles of Food and Drinks,	4	2	6
Molasses, . . .	37	4	41	Drngs, . . .	22	14	36
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..	Totals, . .	340	397	737

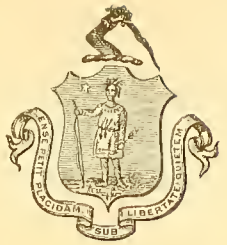
Percentage of adulteration, 53.8. The actual ratio of adulteration is very mnch less than this, since it is only suspicions articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the varions other cereal products, are very rarely adulterated, and require bnt little inspection. The work of the Board is, therefore, mainly devoted to the inspection of snch articles as it has found, by several years of experience, to be especially liable to adulteration.

The quality of the Milk obtained during the month was poor ; 73.1 per cent. of the samples obtained of dealers was below the legal standard. Reckoning the standard of Milk at 12 per cent. instead of 13 per cent. of solids, the general percentage of adulteration for the month would then be 22.5 per cent. and that of Milk alone would be 26.9 per cent.

Eight complaints were entered in the conrts during the month for violation of the laws relative to the inspection of Food and Drugs. Seven of these were for violation of the statutes relative to the sale of Milk, one of Molasses. Fines were imposed amounting to $220.

The samples of drugs fonnd to be adulterated were Ammonia Water, Distilled Water, Ether, Powdered Opium, Tincture of Iodine and Red Wine.

The cities and towns from which samples of food were collected were Boston, Lowell, Cambridge, Somerville, Salem, Chelsea, Malden, Newton, Fitchburg, Waltham, Quincy, Woburn, Medford, Amherst, Bedford, Hingham, Hull, Hyde Park, Littleton, Marblehead, Nantasket, Natick, North Reading, Palmer, Peabody, Provincetown, Revere, Stoughton, Watertown, Winchester and Winthrop.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 18, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 33.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending August 18, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Whooping-cough.	Diphtheria and Croup.
Boston,	501,107	217	105	60	23	40	4	12
Worcester,	100,410	38	21	7	3	5	..	1
Fall River,	92,233	..	..	..	..	..	..	..
Lowell,	90,613	34	14	9	4	8	1	..
Cambridge,	79,607	23	8	5	4	2	1	1
Lynn,	65,123	21	8	2	3	2	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	18	10	8	3	6	2	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	25	15	7	2	7	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	3	2	..	2	..	..
Salem,	33,155	22	14	7	..	7	..	..
Haverhill,	32,925	12	6	3	2	3	..	..
Malden,	30,209	13	9	4	..	4	..	..
Chelsea,	29,806	13	6	3	2	..	..	1
Fitchburg,	29,383	12	10	3	..	2	1	..
Newton,	28,837	7	5	4	..	2	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	11	6	4	..	2	..	2
Waltham,		3	1	1	1	1	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		11	7	6	1	6	..	..
Pittsfield,		5	3	1	1	..	..	..
Everett,		9	1	3	..	3	..	..
Northampton,		8	2	2	..	2	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	3	1	..	1	..	..
Newburyport,		7	3	3	..	1	1	..
Brookline,		4	2	..	..	..	..	..
Medford,		5	4	3	..	3	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	1	1	..	1	..	..
Clinton,		3	0	1	1	..	..	1
Adams,		..	..	..	..	..	..	..
Amesbury,		2	2	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Whooping-cough.	Diphtheria and Croup.
Total of reporting towns,	1,328,667	539	269	150	50	100	11	18

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and fifty deaths were reported from the principal infectious diseases; diarrhœal diseases, 100; diphtheria and croup, 18; whooping-cough, 11; scarlet-fever, 6; cerebro-spinal meningitis, 3; typhoid fever, 2.

No deaths were reported from small-pox, measles, erysipelas, malarial fever and puerperal fever.

There were 50 deaths from consumption; acute lung diseases, 23; and still-births, 34.

From scarlet-fever: Boston, 4; Cambridge and Newton, 1 each. From cerebro-spinal meningitis: Chelsea, 2; Pittsfield, 1. From typhoid fever: Worcester and Newburyport, 1 each.

Deaths under five years of age numbered 269, as compared with 278 for the preceding week.

Deaths from the principal infectious diseases numbered 150, as compared with 194 for the preceding week.

The death rates for the week were: Boston, 22.51; Worcester, 19.67; Fall River, ——; Lowell, 19.51; Cambridge, 15.02; Lynn, 16.76; Somerville, ——; Springfield, 18.61; Lawrence, ——; New Bedford, 27.24; Holyoke, ——; Brockton, 13.78; Salem, 34.49; Haverhill, 18.95; Malden, 22.37; Chelsea, 22.68; Fitchburg, 21.23; Newton, 12.62; Gloucester, ——; Taunton, 21.22; Waltham, 7.08; Quincy, ——; North Adams, 30.26; Pittsfield, 13.31; Everett, 30.66; Northampton, 24.96; Marlborough, ——; Chicopee, ——; Woburn, 13.92; Newburyport, 25.75; Medford, 20.47.

The total death rate for the week was 21.09, against 22.32 and 25.72 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 18, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 12,	30.15	64	70	59	79	65	72	S. W.	S. E.	3	5	F.	O.			0.00
Monday, 13,	30.02	63	65	61	93	92	92	E.	N. E.	10	9	R.	O.			0.20
Tuesday, 14,	30.10	65	68	62	92	91	92	N.	E.	7	7	O.	C.			0.05
Wednes'y, 15,	29.91	70	78	62	86	88	87	S. W.	S. W.	10	14	O.	O.			T.
Thursday, 16,	29.84	69	74	64	67	74	70	N. W.	E.	17	1	C.	C.			0.00
Friday, 17,	30.07	62	67	58	67	68	68	N. E.	S. E.	8	9	F.	C.			0.00
Saturday, 18,	30.05	70	80	60	83	80	82	S. W.	S. W.	14	14	O.	C.			0.00
Week, - -	30.02		72	61			80									0.25

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 25, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 34.

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For the Week ending August 25, 1894.

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Cambridge,	79,607	40	19	15	5	8	2	1
Lynn,	65,123	24	13	4	2	2	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	16	7	4	1	4	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	21	17	5	2	5	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	..	..	..	..	..	..	..
Salem,	33,155	14	9	4	3	3	..	..
Haverhill,	32,925	8	5	..	..	..	..	..
Malden,	30,209	13	8	5	2	4	..	1
Chelsea,	29,806	19	7	7	1	4	..	1
Fitchburg,	29,383	16	12	6	..	6	..	..
Newton,	28,837	5	3	1	1	1	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	14	4	4	1	4	..	..
Waltham,		6	2	..	2	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		7	0	2	..	1	..	..
Pittsfield,		3	2	2	..	..	..	1
Everett,		..	..	..	..	..	..	..
Northampton,		4	2	2	1	1	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	0	1	..	1	..	..
Newburyport,		5	3	3	..	3	..	..
Brookline,		4	1	..	1	..	..	..
Medford,		4	4	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly.		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		5	0	2	..	..	..	..
Adams,		..	..	..	..	..	1	..
Amesbury,		8	4	2	..	2	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,404,601	610	257	174	70	123	20	9

DEATHS FROM PREVALENT DISEASES IN 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seventy-four deaths were reported from the principal infectious diseases; diarrhœal diseases, 123; diphtheria and croup, 20; whooping-cough, 11; scarlet-fever, 9; typhoid fever, 8; cerebro-spinal meningitis, 2; erysipelas, 1.

No deaths were reported from small-pox, malarial fever, puerperal fever and measles.

There were 70 deaths from consumption; acute lung diseases, 25; and still-births, 26.

From whooping-cough: Worcester and Cambridge, 3 each; Fall River and Chelsea, 1 each; Boston, 2. From typhoid fever: Boston. 2; Lowell, Cambridge and Lynn, 1 each. From cerebro-spinal meningitis: Lynn and Chelsea, 1 each. From erysipelas: Northampton, 1.

Deaths under five years of age numbered 257, as compared with 269 for the preceding week.

Deaths from the principal infectious diseases numbered 174, as compared with 150 for the preceding week.

The death rates for the week were: Boston, 24.99; Worcester, 20.19; Fall River, 27.06; Lowell, 24.10; Cambridge, 26.12; Lynn, 19.16; Somerville, ——; Springfield, 16.54; Lawrence, ——; New Bedford, 22.88; Holyoke, ——; Brockton, ——; Salem, 21.95; Haverhill, 12.63; Malden, 22.37; Chelsea, 33.15; Fitchburg, 28.31; Newton, 9.02; Gloucester, ——; Taunton, 26.02; Waltham, 8.17; Quincy, ——; North Adams, 19.25; Pittsfield, 7.98; Everett, ——; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, 13.92; Newburyport, 18.39; Medford, 16.37.

The total death rate for the week was 22.58, against 21.09 and 22.32 for the previous two weeks.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Aug. 25, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 19,	29.95	75	84	66	80	77	78	W.	S. W.	13	12	F.	F.		0.00
Monday, 20,	29.86	70	76	64	90	92	91	S. W.	W.	8	10	O.	O.		2.10
Tuesday, 21,	29.98	61	67	55	61	48	54	N. W.	N. W.	12	8	C.	C.		0.00
Wednes'y, 22,	30.06	61	75	47	54	54	54	W.	W.	14	11	F.	C.		0.00
Thursday, 23,	30.10	74	87	60	67	56	62	W.	S. W.	6	14	S.	S.		0.00
Friday, 24,	30.05	78	89	66	63	66	64	S. W.	S. W.	8	12	S.	S.		0.00
Saturday, 25,	29.97	78	89	66	71	78	74	S. W.	S. W.	13	15	S.	F.		0.00
Week, - -	29.99		81	71			68								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 1, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 35.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 1, 1894.

Deaths reported to the State Board of Health in 25 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	213	99	72	26	34	5	24
Worcester,	100,419	23	10	10	1	7	..	2
Fall River,	92,233	34	18	11	4	9	1	..
Lowell,	90,613	35	14	8	5	5	..	2
Cambridge,	79,607	31	12	11	6	7	1	2
Lynn,	65,123	15	..	6	..	4	1	1
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	16	7	6	1	4	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	19	12	6	1	6	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	10	3	3	1	2	1	..
Salem,	33,155	16	10	4	..	1	1	1
Haverhill,	32,925	..	..	..	..	..	..	..
Malden,	30,209	4	1	1	1	1	..	..
Chelsea,	29,806	14	7	2	3	2	..	..
Fitchburg,	29,383	8	4	4	..	2	..	..
Newton,	28,837	15	8	4	..	2	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	..	..	..	..	..	..	..
Waltham,		8	1	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		9	3	5	1	2	..	..
Pittsfield,		3	3	1	..	1	..	..
Everett,		3	3	2	..	1	..	..
Northampton,		8	2	3	1	3	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	0	..	1	..	..	..
Newburyport,		..	..	..	..	..	..	..
Brookline,		2	0	..	2	..	..	..
Medford,		3	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	..	1	..	..	..
Clinton,		4	0	1	1	..	..	1
Adams,		..	..	..	..	..	..	..
Amesbury,		1	1	..	1	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield.		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,381,358	500	220	160	58	93	11	33

DEATHS FROM PREVALENT DISEASES IN 25 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and sixty deaths were reported from the principal infectious diseases; diarrhœal diseases, 93; diphtheria and croup, 33; typhoid fever, 11; whooping-cough, 8; scarlet-fever, 6; malarial fever and puerperal fever, 3 each; cerebro-spinal meningitis, 2; erysipelas, 1.

No deaths were reported from small-pox and measles.

There were 58 deaths from consumption; acute lung diseases, 29; and still-births, 24.

From scarlet-fever: Boston, 4; Cambridge and Lynn, 1 each. From malarial fever: North Adams, 3. From puerperal fever: Fall River and Springfield, 1 each. From cerebro-spinal meningitis: Boston and Worcester, 1 each. From erysipelas: Everett, 1.

Deaths under five years of age numbered 220, as compared with 257 for the preceding week.

Deaths from the principal infectious diseases numbered 160, as compared with 174 for the preceding week.

The death rates for the week were: Boston, 22.09; Worcester, 11.90; Fall River, 19.16; Lowell, 20.08; Cambridge, 30.24; Lynn, 11.97; Somerville, ——; Springfield, 16.54; Lawrence, ——; New Bedford, 20.70; Holyoke, ——; Brockton, 15.32; Salem, 25.08; Haverhill, ——; Malden, 6.88; Chelsea, 24.43; Fitchburg, 14.15; Newton, 37.04; Gloucester, ——; Taunton, ——; Waltham, 18.90; Quincy, ——; North Adams, 24.75; Pittsfield, 4.69; Everett, 11.22; Northampton, 24.96; Marlborough, ——; Chicopee, ——; Woburn, 13.92; Newburyport, ——; Medford, 12.28.

The total death rate for the week was 18.82, against 22.58 and 21.09 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 1, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	47.	Typhoid fever, ...	42.
Diphtheria and croup, ...	18.	Measles, ...	1.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Sept. 1, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Aug. 26, Sunday,	30.02	66	72	61	74	79	76	N. E.	E.	7	4	O.	C.		0.00
27, Monday,	30.13	58	63	53	70	84	77	N.	E.	7	6	C.	C.		0.00
28, Tuesday,	30.02	63	73	53	94	75	84	W.	S. W.	2	10	G.	O.		0.00
29, Wednes'y,	30.06	60	64	57	68	79	74	N. E.	S E.	10	8	O.	C.		0.00
30, Thursday,	29.93	60	65	56	93	91	92	S. E.	E.	7	4	O.	O.		T.
31, Friday,	29.94	68	77	59	85	57	71	W.	W.	8	8	O.	C.		0.00
Sept. 1, Saturday,	30.12	66	75	58	65	69	67	N. W.	S. W.	4	13	C.	O.		0.00
Week, - -	30.03		70	57			77								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 7 smaller towns of Massachusetts, as reported to the State Board of Health for the month of August.

The total death-rate of reporting towns was 8.65.

Towns.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from: Infectious Diseases.	Consumption.	Whooping-cough.	Diphtheria and Croup.	Diarrhœal Diseases.
Revere, ...	7,293	7	4	1	..	1	..	..
Hudson, ...	5,232	3	3	1	..	..	1	..
Orange, ...	5,302	1	1	1	..	..	..	1
Concord, ...	4,987	1	0	1	..	..	..	1
Easthampton, ...	4,478	8	0	..	..	..	..	..
Norton, ...	1,839	1	0	..	..	..	..	..
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		..	..	..	..	..	..	..
Total of reporting towns, . .	29,131	21	8	4	..	1	1	2

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 8, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of August.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 36.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 8, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contaiu the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	216	101	49	33	23	2	14
Worcester,	100,410	38	12	7	3	4	2	..
Fall River,	92,233	49	30	14	2	11	1	..
Lowell,	90,613	37	19	8	1	8	..	..
Cambridge,	79,607	27	16	11	..	7	..	1
Lynu,	65,123	..	..	..	..	..	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	19	6	3	1	2	1	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	18	10	..	2	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	7	2	2	1	1	1	..
Salem,	33,155	11	..	2	2	1	1	..
Haverhill,	32,925	9	3	2	1	2	..	..
Malden,	30,209	6	3	1	1	..	1	..
Chelsea,	29,806	20	8	3	5	2	..	1
Fitchburg,	29,383	12	5	4	..	3	..	1
Newton,	28,837	7	3	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Tauntou,	26,954	12	2	1	1	..	..	1
Waltham,		4	2	1	..	1	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		3	0	..	..	..	..	..
Pittsfield,		9	6	7	1	5	1	..
Everett,		3	1	..	..	..	..	..
Northampton,		4	0	..	1	..	..	..
Marlborough,		9	3	4	..	1	2	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		7	5	1	..	1	..	..
Newburyport,		7	1	..	..	..	..	..
Brookline,		4	0	..	..	..	..	..
Medford,		3	0	1	2	1	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly.		..	..	..	..	..	..	..
Hyde Park,		2	0	1	..	1	..	..
Clinton,		5	4	1	..	..	1	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	2	1	..	1	..	..
Melrose,		..	..	..	..	..	..	..
Westfield.		..	..	..	..	..	..	..
Framingham,		1	0	1	..	..	1	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,416,432	552	244	125	57	75	14	18

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-five deaths were reported from the principal infectious diseases; diarrhœal diseases, 75; diphtheria and croup, 18; typhoid fever, 14; whooping-cough, 8; scarlet-fever, 7; cerebro-spinal meningitis, 2.

No deaths were reported from small-pox, measles, erysipelas and malarial fever.

There were 57 deaths from consumption; acute lung diseases, 28; and still-births, 29.

From whooping-cough: Boston, 5; Fall River, 2; Marlborough, 1. From scarlet-fever: Boston, 4; Cambridge, 3. From cerebro-spinal meningitis: Boston and Worcester, 1 each.

Deaths under five years of age numbered 244, as compared with 220 for the preceding week.

Deaths from the principal infectious diseases numbered 125, as compared with 160 for the preceding week.

The death rates for the week were: Boston, 22.41; Worcester, 19.67; Fall River, 27.62; Lowell, 21.23; Cambridge, 17.63; Lynn, ——; Somerville, ——; Springfield, 19.64; Lawrence, ——; New Bedford, 19.61; Holyoke, ——; Brockton, 10.72; Salem, 17.24; Haverhill, 14 21; Malden, 10.32; Chelsea, 34.90; Fitchburg, 21.23; Newton, 12.62; Gloucester, ——; Taunton, 23.15; Waltham, 9.45; Quincy, ——; North Adams, 8.25; Pittsfield, 24.95; Everett, 10.22; Northampton, 12.48; Marlborough, 29.07; Chicopee, ——; Woburn, 24.36; Newburyport, 25.75; Medford, ——.

The total death rate for the week was 20.27, against 18.82 and 22.58 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 8, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	85.	Typhoid fever, ...	105.
Diphtheria and croup, ...	15.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Sept. 8, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 2,	30.06	72	81	63	51	64	57	S. W.	N.	12	5	C.	S.		0.00
Monday, 3,	30.33	60	62	58	51	65	58	N. E.	N. E.	13	7	O.	O.		0.00
Tuesday, 4,	30.19	66	78	55	72	86	79	S. W.	S. W.	9	15	O.	O.		0.00
Wednes'y, 5,	30.04	75	84	66	82	76	79	S. W.	S. W.	12	11	O.	O.		0.00
Thursday, 6,	30.10	72	78	66	75	46	61	N. W.	S. W.	7	6	O.	C.		0.09
Friday, 7,	30.09	72	83	60	68	77	72	W.	N. E.	9	8	S.	O.		0.00
Saturday, 8,	30.10	64	68	60	83	94	88	N. E.	S.	7	3	O.	O.		0.25
Week, - -															

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of August: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	117	201	318	Maple Syrup,	..	..	..
Butter,	2	0	2	Canned Goods,	..	..	..
Cheese,	1	0	1	Honey,	..	..	..
Lard,	..	..	..	Tea,	14	1	15
Olive Oil,	7	2	9	Coffee,	8	1	9
Vinegar,	1	4	5	Cocoa,	0	1	1
Spices,	73	6	79	Confectionery,	2	1	3
Cream of Tartar,	19	0	19	Other articles of Food and Drinks,	1	0	1
Molasses,	22	1	23	Drugs,	16	5	21
Syrups,	0	1	1				
Maple Sugar,	..	..	..	Totals,	283	224	507

Percentage of adulteration, 44.2. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 63.2 per cent. against 73.1 per cent. for the preceding month, while the percentage of other articles of food and drugs was 12.2.

Seventeen complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Sixteen of these were for violation of the statutes relative to the sale of Milk and one of Cream of Tartar. Fines were imposed amounting to $431.

The samples of drugs found to be adulterated were Tincture of Iodine, White Wine, Unfermented Grape Juice and Essence of Lemon.

The cities and towns from which samples of food were collected were Boston, Fall River, Lowell, Cambridge, Somerville, Lawrence, Brockton, Salem, Chelsea, Fitchburg, Newton, Gloucester, Waltham, Quincy, North Adams, Medford, Brookline, Bourne, Cheshire, Concord, Dedham, Hyde Park, Marblehead, Milford, Peabody, Plymouth, Provincetown, Revere, Stoneham, Wrentham and Winthrop.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 15, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 37.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 15, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	246	109	56	27	29	7	14
Worcester,	100,419	21	7	7	4	6	1	..
Fall River,	92,233	37	19	7	1	4	2	..
Lowell,	90,613	43	24	16	4	15	..	..
Cambridge,	79,607	32	16	9	3	5	3	..
Lynn,	65,123	28	11	6	2	4	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	13	7	6	1	4	..	1
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	28	17	8	1	5	1	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	10	1	4	..	1	2	1
Salem,	33,155	12	6	3	..	1	..	1
Haverhill,	32,925	13	8	2	3	1	1	..
Malden,	30,209	3	1	..	..	..	..	..
Chelsea,	29,806	12	7	2	3	..	..	1
Fitchburg,	29,383	5	1	2	1	..	2	..
Newton,	28,837	10	3	1	..	1	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	6	1	1	1	..	..	1
Waltham,		12	4	1	..	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		10	3	2	2	1	1	..
Pittsfield,		5	3	1	1	..	..	1
Everett,		5	3	1	..	..	..	1
Northampton,		..	..	..	..	..	..	..
Marlborough,		7	3	2	1	1	1	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		3	1	..	1	..	..	..
Newburyport,		6	1	..	1	..	..	..
Brookline,		3	2	..	..	..	..	..
Medford,		4	1	2	..	1	1	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	1	..	..	..	..	..
Clinton,		7	3	1	..	1	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		6	2	..	1	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,454,880	589	265	140	58	80	22	21

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and forty deaths were reported from the principal infectious diseases; diarrhœal diseases, 80; typhoid fever, 22; diphtheria and croup, 21; whooping-cough, 7; scarlet-fever and cerebro-spinal meningitis, each 4; puerperal fever, 2.

No deaths were reported from small-pox, measles, malarial fever and erysipelas.

There were 58 deaths from consumption; acute lung diseases, 37; and still-births, 33.

From whooping-cough: Boston, 2; Fall River, Lowell, Cambridge, Springfield and New Bedford, 1 each. From scarlet-fever: Boston, 3; New Bedford, 1. From cerebro-spinal meningitis: Lynn, 2; Chelsea and Waltham, 1 each. From puerperal fever: Boston and Salem, 1 each.

Deaths under five years of age numbered 265, as compared with 244 for the preceding week.

Deaths from the principal infectious diseases numbered 140, as compared with 125 for the preceding week.

The death rates for the week were: Boston, 25.52; Worcester, 10.87; Fall River, 20.86; Lowell, 24.67; Cambridge, 20.90; Lynn, 22.35; Somerville, ——; Springfield, 13.44; Lawrence, ——; New Bedford, 30.51; Holyoke, ——; Brockton, 15.32; Salem, 18.81; Haverhill, 20.53; Malden, 5.16; Chelsea, 20.94; Fitchburg, 8.84; Newton, 18.03; Gloucester, ——; Taunton, 11.57; Waltham, 28 35; Quincy, ——; North Adams, 27.51; Pittsfield, 13.31; Everett, 17.03; Northampton, ——; Marlborough, 22.61; Chicopee, ——; Woburn, 10.44; Newburyport, 22.07: Medford, 16.37.

The total death rate for the week was 21.05, against 20.27 and 22.58 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 15, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	79.	Typhoid fever, ...	86.
Diphtheria and croup, ...	30.	Measles.	3.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 15, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 9,	29.94	76	88	64	84	75	80	W.	S.	10	5		C.	C.			T.
Monday, 10,	29.74	76	87	64	80	82	81	S. W.	S. W.	7	23		O.	O.			0.00
Tuesday, 11,	30.05	68	74	63	43	44	44	N. W.	W.	16	8		F.	C.			T.
Wednes'y, 12,	30.42	61	71	51	51	79	65	W.	S. E.	8	6		C.	C.			0.00
Thursday, 13,	30.56	58	66	51	57	65	61	N. W.	S. W.	3	8		F.	C.			0.00
Friday, 14,	30.43	62	68	57	80	79	80	S. W.	S. W.	7	9		O.	O.			T.
Saturday, 15,	30.16	66	72	59	94	100	97	S. W.	E.	8	6		O.	G.			0.00
Week, - -	30.19		75	58			73										

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 22, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 38.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending September 22, 1894.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	239	95	57	36	30	8	14
Worcester,	100,410	28	12	10	1	5	4	1
Fall River,	92,233	35	15	15	1	14	..	..
Lowell,	90,613	27	11	9	3	5	..	1
Cambridge,	79,607	23	13	8	..	5	2	..
Lynn,	65,123	20	10	7	2	4	..	..
Somerville,	50,727	14	8	3	1	3	..	..
Springfield,	50,284	10	2	3	2	1	..	1
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	20	7	5	4	4	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	8	2	6	2	3	1	1
Salem,	33,155	11	5	6	..	3	1	2
Haverhill,	32,925	14	4	2	5	1	1	..
Malden,	30,209	10	2	1	..	..	1	..
Chelsea,	29,806	14	9	3	1	2	..	..
Fitchburg,	29,383	7	6	..	..	..	..	..
Newton,	28,837	10	8	..	1	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	6	2	..	2	..	..
Waltham,		6	3	4	1	2	1	..
Quincy,		..	..	..	..	..	..	..
North Adams,		7	2	1	..	1	..	..
Pittsfield,		14	6	3	3	3	..	..
Everett,		7	3	..	1	..	..	..
Northampton,		9	3	6	..	3	1	..
Marlborough,		7	3	3	..	2	1	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	1	..	..	..	..	..
Newburyport,		5	1	..	..	..	..	..
Brookline,		5	2	..	1	..	..	..
Medford,		5	1	1	..	1	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		1	1	1	..	1	..	..
Clinton,		4	1	1	..	1	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		2	0	1	..	1	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,532,282	581	237	158	65	97	21	20

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and fifty-eight deaths were reported from the principal infectious diseases; diarrhœal diseases, 97; typhoid fever, 21; diphtheria and croup, 20; scarlet-fever, 7; whooping-cough, 6; malarial fever, 3; cerebro-spinal meningitis, 2; puerperal fever, 2.

No deaths were reported from small-pox, measles and erysipelas.

There were 65 deaths from consumption; acute lung diseases, 33; and still-births, 27.

From scarlet-fever: Boston and Lowell, 2 each; Lynn, New Bedford and Northampton, 1 each. From whooping-cough: Boston, 3; Fall River, Cambridge and Lynn, 1 each. From malarial fever: Cambridge, Springfield and Brockton, 1 each. From cerebro-spinal meningitis: Lynn and Chelsea, 1 each. From puerperal fever: Brockton and Northampton, 1 each.

Deaths under five years of age numbered 237, as compared with 265 for the preceding week.

Deaths from the principal infections diseases numbered 158, as compared with 140 for the preceding week.

The death rates for the week were: Boston, 24.79; Worcester, 14.49; Fall River, 19.73; Lowell, 15.22; Cambridge, 15.02; Lynn, 15.97; Somerville, 14.35; Springfield, 10.34; Lawrence, ——; New Bedford, 20.79; Holyoke, ——; Brockton, 12.25; Salem, 17.24; Haverhill, 22.11; Malden, 17.21; Chelsea, 24.43; Fitchburg, 12.38; Newton, 18.03; Gloucester, ——; Taunton, 23.15; Waltham, 14.17; Quincy, ——; North Adams, 19.25; Pittsfield, 37.26; Everett, 23.84; Northampton, 28.08; Marlborough, 22.61; Chicopee, ——; Woburn, 13.92; Newburyport, 18.39; Medford, 20.47.

The total death rate for the week was 19.72, against 21.05 and 20.27 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 22, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever,	112.	Measles,	1.
Diphtheria and croup,	28.	Whooping-cough,	2.
Typhoid fever,	87.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Sept. 22, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 16,	30.12	62	65	58	100	100	100	N. E.	N. E.	3	3	G.	G.		0.00
Monday, 17,	30.10	62	65	60	97	97	97	N. W.	N. E.	3	4	O.	O.		0.12
Tuesday, 18,	30.08	64	68	59	95	98	96	N. W.	E.	4	2	O.	O.		0.00
Wednes'y, 19,	30.04	60	62	59	100	100	100	E.	E.	10	14	O.	R.		0.25
Thursday, 20,	29.76	70	80	60	99	93	96	S. E.	S. W.	4	10	O.	C.		1.34
Friday, 21,	29.96	70	80	61	95	89	92	W.	N. W.	10	4	C.	C.		0.00
Saturday, 22,	30.10	70	80	60	88	81	84	W.	S. W.	4	10	C.	C.		0.00
Week, - -	30.02		71	60			95								1.71

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 29, 1894.

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MORTALITY OF MASSACHUSETTS

For the Week ending September 29, 1894.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

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CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	231	114	73	27	27	8	30
Worcester,	100,410	34	14	9	1	6	1	..
Fall River,	92,233	33	16	14	2	14	..	..
Lowell,	90,613	36	16	12	3	9	2	..
Cambridge,	79,607	32	13	5	2	4	..	1
Lynn,	65,123	18	8	3	1	2	..	1
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	17	7	5	1	4	1	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	21	10	6	1	4	1	..
Holyoke,	43,348	27	..	9	3	8	..	..
Brockton,	33,939	9	1	1	1	1	..	..
Salem,	33,155	11	4	2	..	2	..	..
Haverhill,	32,925	7	3	4	..	2	1	1
Malden,	30,209	7	5	3	..	..	..	1
Chelsea,	29,806	15	3	1	6	..	..	1
Fitchburg,	29,383	8	3	1	1	1	..	..
Newton,	28,837	6	3	3	1	2	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	8	3	1	2	..	..	1
Waltham,		7	3	2	..	1	..	1
Quincy,		..	..	..	..	..	..	..
North Adams,		5	1	1	..	..	..	..
Pittsfield,		5	3	2	2	2	..	..
Everett,		6	2	1	1	1	..	..
Northampton,		2	1	..	..	..	..	..
Marlborough,		4	0	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		3	0	..	..	..	..	..
Newburyport,		7	1	..	..	..	..	..
Brookline,		5	3	..	..	..	..	..
Medford,		4	1	1	1	1	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		2	0	..	..	..	..	..
Clinton,		1	1	1	..	1	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	0	1	..	1	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		2	0	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,524,903	575	239	161	56	93	15	37

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and sixty-one deaths were reported from the principal infectious diseases; diarrhœal diseases, 93; diphtheria and croup, 37; typhoid fever, 15; scarlet-fever, 6; cerebro-spinal meningitis, 6; whooping-cough, 4.

No deaths were reported from small-pox, malarial fever, measles, erysipelas and puerperal fever.

There were 49 deaths from consumption; acute lung diseases, 29; and still-births, 26.

From scarlet-fever: Boston, 3; Lowell, New Bedford and North Adams, 1 each. From cerebro-spinal meningitis: Worcester and Malden, 2 each; Boston and Holyoke, 1 each. From whooping-cough: Boston, 4.

Deaths under five years of age numbered 239, as compared with 237 for the preceding week.

Deaths from the principal infectious diseases numbered 161, as compared with 140 for the preceding week.

The death rates for the week were: Boston, 23.96; Worcester, 17.60; Fall River, 18.60; Lowell, 20.66; Cambridge, 20.90; Lynn, 14.35; Somerville, ——; Springfield, 17.57; Lawrence, ——; New Bedford, 22.88; Holyoke, 21.39; Brockton, 12.78; Salem, 17.24; Haverhill, 11.05; Malden, 12.04; Chelsea, 29.66; Fitchburg, 12.45; Newton, 10.81; Gloucester, ——; Taunton, 15.43; Waltham, 16 54; Quincy, ——; North Adams, 13.75; Pittsfield, 13.31; Everett, 20.44; Northampton, 6.24; Marlborough, 12.92; Chicopee, ——; Woburn, 10.44; Newburyport, 25.75; Medford, 16.37.

The total death rate for the week was 19.61, against 21.05 and 19.72 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPTEMBER 29, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	70.	Typhoid fever, ...	51.
Diphtheria and croup, ...	36.	Measles, ...	1.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Sept. 29, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 23,	29.94	72	82	63	92	64	78	S. W.	S. W.	6	16	F.	C.		0.00
Monday, 24,	30.00	64	70	59	60	54	57	W.	W.	14	10	C.	C.		0.00
Tuesday, 25,	30.28	57	64	50	64	55	60	W.	N. W.	14	11	C.	C.		0.00
Wednes'y, 26,	30.51	48	54	42	61	56	58	N. E.	S. E.	10	9	C.	O.		0.00
Thursday, 27,	30.24	54	61	46	72	86	79	N. W.	N. E.	7	5	C.	C.		0.00
Friday, 28,	30.15	58	65	52	94	94	94	N. E.	N. E.	5	7	O.	C.		0.00
Saturday, 29,	30.08	60	67	52	82	91	86	N. W.	E.	2	4	O.	C.		T.
Week, - -	30.17		72	52			73								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 6, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 40.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 6, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	234	87	51	25	17	4	25
Worcester,	100,419	23	10	10	3	4	3	3
Fall River,	92,233	47	28	16	3	15	1	..
Lowell,	90,613	35	19	10	1	8	..	1
Cambridge,	79,607	29	13	13	4	4	3	..
Lynn,	65,123	..	..	..	..	..	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	5	2	1	1	1	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	21	4	4	2	2	2	..
Holyoke,	43,348	9	4	6	2	5	..	..
Brockton,	33,939	4	0	..	..	..	..	..
Salem,	33,155	14	7	5	..	4	1	..
Haverhill,	32,925	17	8	..	1	..	..	..
Malden,	30,209	11	3	1	1	1	..	..
Chelsea,	29,806	12	5	5	2	1	..	3
Fitchburg,	29,383	8	5	2	1	2	..	..
Newton,	28,837	11	2	6	1	1	2	3
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	15	5	4	4	..	..	4
Waltham,		4	2	1	1	..	..	1
Quincy,		..	..	..	..	..	..	..
North Adams,		3	3	2	..	2	..	..
Pittsfield,		5	4	..	..	..	..	..
Everett,		6	2	1	1	..	..	..
Northampton,		6	1	1	..	1	..	..
Marlborough,		2	0	2	..	1	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	2	..	..	..	..	..
Newburyport,		3	0	..	2	..	..	..
Brookline,		7	4	..	..	..	..	..
Medford,		2	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	2	..	2	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	2	1	..	1	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		2	0	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,448,173	546	224	142	57	70	16	40

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and forty-two deaths were reported from the principal infectious diseases; diarrhœal diseases, 70; diphtheria and croup, 40; typhoid fever, 16; scarlet-fever, 9; whooping-cough, 3; erysipelas and malarial fever, 1 each.

No deaths were reported from small-pox, measles and puerperal fever.

There were 57 deaths from consumption; acute lung diseases, 45; and still-births, 30.

From scarlet-fever: Boston, 4; Cambridge, 3; Lowell and Marlborough, 1 each. From whooping-cough: Cambridge, 2; Boston, 1. From erysipelas: Everett, 1. From malarial fever: Cambridge, 1.

Deaths under five years of age numbered 224, as compared with 239 for the preceding week.

Deaths from the principal infectious diseases numbered 142, as compared with 161 for the preceding week.

The death rates for the week were: Boston, 24.27; Worcester, 11.90; Fall River, 26.49; Lowell, 19.73; Cambridge, 19.73; Lynn, ——; Somerville, ——; Springfield, 5.17; Lawrence, ——; New Bedford, 22.88; Holyoke, 10.80; Brockton, 6.12; Salem, 21.95; Haverhill, 26.84; Malden, 18.93; Chelsea, 20.94; Fitchburg, 14.15; Newton, 19.83; Gloucester, ——; Taunton, 28.94; Waltham, 9.45; Quincy, ——; North Adams, 8.25; Pittsfield, 13.31; Everett, 20.44; Northampton, 18.72; Marlborough, 6.46; Chicopee, ——; Woburn, 13.92; Newburyport, 10.03; Medford, 8.19.

The total death rate for the week was 19.60, against 19.61 and 21.05 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 6, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	152.	Typhoid fever, ...	119.
Diphtheria and croup, ...	146.	Measles, ...	5.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 6, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sept. Sunday, 30,	30.06	56	58	54	93	76	84	N. E.	N. E.	24	25	R.	R.			T.
Oct. Monday, 1,	29.92	54	59	48	85	74	80	N.	S.	6	5	O.	C.			T.
Tuesday, 2,	29.93	54	61	48	58	60	59	N. W.	N. E.	12	9	O.	O.			0.00
Wednes'y, 3,	29.99	58	65	51	64	86	75	S. E.	S. E.	9	5	O.	O.			T.
Thursday, 4,	29.82	62	66	59	89	90	90	S. W.	S.	7	10	T.	O.			0.20
Friday, 5,	29.70	64	70	58	85	56	70	W.	S. W.	10	13	O.	F.			0.22
Saturday, 6,	30.00	56	64	49	69	50	60	W.	W.	12	16	C.	C.			T.
Week, - -	29.92		63	53			74									0.42

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 5 smaller towns of Massachusetts, as reported to the State Board of Health for the month of September.

The total death-rate of reporting towns was 13.13.

TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from				
				Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Scarlet-fever.
Revere,	7,293	18	7	..	..	..	..	..
Hudson,	5,232	6	2	2	..	1	..	1
Orange,	5,302	6	2	1	1	1	..	..
Concord,	4,987	5	0	2	..	2	..	..
Merrimac,	2,837	4	1	1	1	..	1	..
Total of reporting towns,	35,651	39	12	6	2	4	1	1

Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 13, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of September.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 41.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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SAMUEL W. ABBOTT, M.D., *Secretary.*
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MORTALITY OF MASSACHUSETTS

For the Week ending October 13, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more thau 10,000 inhabitants. A mouthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reportiug towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	188	55	56	12	16	13	27
Worcester,	100,410	25	11	5	3	2	2	1
Fall River,	92,233	42	23	15	4	11	2	1
Lowell,	90,613	35	13	10	5	5	..	4
Cambridge,	79,607	30	16	11	2	8	2	1
Lynn,	65,123	..	..	..	..	..	..	..
Somerville,	50,727	16	2	1	2	..	..	1
Springfield,	50,284	16	8	5	..	5	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	28	11	5	4	5	..	..
Holyoke,	43,348	11	..	3	1	3	..	..
Brockton,	33,939	9	1	3	..	1	..	1
Salem,	33,155	9	1	2	..	2	..	..
Haverhill,	32,925	10	6	4	..	2	1	..
Malden,	30,209	10	4	1	..	1	..	..
Chelsea,	29,806	15	1	3	2	1	..	1
Fitchburg,	29,383	8	2	1	1	1	..	..
Newton,	28,837	7	4	3	..	1	..	2
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	7	6	1	1	..	5
Waltham,		10	2	2	2	1	..	1
Quincy,		..	..	..	..	..	..	..
North Adams,		5	1	1	..	1	..	..
Pittsfield,		7	0	2	2	1	..	..
Everett,		5	3	1	..	..	..	..
Northampton,		6	2	3	..	1	..	2
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		5	2	1	..	..	..	..
Newburyport,		3	1	..	1	..	..	..
Brookline,		4	2	..	..	..	..	..
Medford,		2	1	..	1	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		4	2	..	1	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		0	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		3	0	..	1	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,482,804	525	181	144	45	69	20	47

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and forty-four deaths were reported from the principal infectious diseases; diarrhœal diseases, 69; diphtheria and croup, 47; typhoid fever, 20; scarlet-fever, 3; cerebro-spinal meningitis, 2; whooping-cough, malarial fever and puerperal fever, 1 each.

No deaths were reported from small-pox, erysipelas and measles.

There were 45 deaths from consumption; acute lung diseases, 44; and still-births, 29.

From scarlet-fever: Haverhill, Pittsfield and Woburn, 1 each. From whooping-cough: Fall River, 1. From cerebro-spinal meningitis: Chelsea and Everett, 1 each. From malarial fever: Brockton, 1. From puerperal fever: Lowell, 1.

Deaths under five years of age numbered 181, as compared with 224 for the preceding week.

Deaths from the principal infectious diseases numbered 144, as compared with 142 for the preceding week.

The death rates for the week were: Boston, 19.50; Worcester, 12.94; Fall River, 23.67; Lowell, 20.08; Cambridge, 19.59; Lynn, ——; Somerville, 16.40; Springfield, 16.54; Lawrence, ——; New Bedford, 30.51; Holyoke, 13.19; Brockton, 13.78; Salem, 14.11; Haverhill, 15.79; Malden, 17.21; Chelsea, 26.17; Fitchburg, 13.57; Newton, 12.62; Gloucester, ——; Taunton, 23.15; Waltham, 23.63; Quincy, ——; North Adams, 13.75; Pittsfield, 18.66; Everett, 17.03; Northampton, 18.72; Marlborough, ——; Chicopee, ——; Woburn, 17.40; Newburyport, 10.03: Medford, 8.18.

The total death rate for the week was 18.48, against 19.60 and 19.61 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 13, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	122.	Typhoid fever, ...	122.
Diphtheria and croup, ...	156.	Measles, ...	13.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 13, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	30.25	54	64	45	64	53	58	W.	N. W.	7	4	C.	C.			0.00
Monday, 8,	30.08	58	69	47	68	83	76	W.	S.	5	12	F.	O.			0.00
Tuesday, 9,	29.80	60	65	56	80	55	68	W.	N. W.	8	8	F.	F.			0.28
Wednes'y, 10,	29.57	55	62	48	93	74	84	E.	W.	40	28	R.	C.			1.25
Thursday, 11,	29.87	54	61	48	74	63	68	S. W.	W.	19	16	C.	C.			0.00
Friday, 12,	30.26	52	62	42	59	50	54	W.	W.	7	3	C.	F.			0.00
Saturday, 13,	29.96	56	62	49	73	100	86	S. E.	S. E.	8	8	O.	R.			0.70
Week, - -	29.97		64	48			71									2.23

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examiuations of Food and Drugs by the State Board of Health in the month of September: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	93	150	243	Maple Syrup,	..	..	..
Butter,	6	0	6	Canned Goods,	1	0	1
Cheese,	3	0	3	Houey,	3	0	3
Lard,	..	..	..	Tea,	15	2	17
Olive Oil,	16	8	24	Coffee,	7	3	10
Vinegar,	1	3	4	Cocoa,	5	1	6
Spiees,	92	10	102	Confectionery,	3	0	3
Cream of Tartar,	23	0	23	Other articles of Food and Drinks,	9	4	13
Molasses,	5	0	5	Drugs,	34	10	44
Syrups,	..	..	..				
Maple Sugar,	..	..	..	Totals,	316	191	507

Percentage of adulteration, 37.6. The aetnal ratio of adulteration is very mueh less than this, since it is only suspieious artieles of food to whieh the attention of the Board is direeted. Certain staple products, sueh as sugar, flour, and the various other eereal produets, are very rarely adulterated, and require but little inspeetion. The work of the Board is, therefore, mainly devoted to the inspection of sueh artieles as it has found, by several years of experience, to be espeeially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 61.7 per eent. as eompared with 63.2 per eent. for the preeeding month, while the percentage of other artieles of food and drugs was 15.5.

Eighteen complaints were entered in the eourts duriug the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $500.

The samples of drugs found to be adulterated were Ether, Red Wine and Tineture of Nux Vomiea.

The cities and towns from whieh samples of food were collected were Boston, Fall River, Lowell, Cambridge, Springfield, Somerville, Lawrenee, Salem, Newton, Waltham, Pittsfield, Marlborough, Woburn, Medford, Adams, Amherst, Arlington, Beverly, Brookline, Framingham, Hyde Park, Marblehead, Melrose, Mendon, Milton, Natick, Peabody, Stoneham, Swampscott, Watertown and Wrentham.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 20, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 42.

STATE BOARD OF HEALTH.

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MORTALITY OF MASSACHUSETTS

For the Week ending October 20, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	220	73	47	31	8	4	27
Worcester,	100,410	37	12	7	6	4	1	2
Fall River,	92,233	26	10	6	7	3	1	1
Lowell,	90,613	34	16	11	5	8	1	2
Cambridge,	79,607	27	14	9	3	6	1	2
Lynn,	65,123	11	4	6	1	3	..	2
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	15	3	3	1	2	1	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	8	5	..	..	..	..	..
Holyoke,	43,348	15	4	8	2	5	..	..
Brockton,	33,939	2	0	1	..	..	..	..
Salem,	33,155	10	3	3	1	1	..	1
Haverhill,	32,925	7	5	..	..	..	..	..
Malden,	30,209	4	1	1	..	..	..	1
Chelsea,	29,806	8	3	1	1	..	..	1
Fitchburg,	29,383	5	1	..	1	..	..	..
Newton,	28,837	10	2	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	11	4	3	2	..	..	3
Waltham,		8	4	3	..	..	..	3
Quincy,		..	..	..	..	..	..	..
North Adams,		4	1	..	..	..	..	..
Pittsfield,		9	1	..	..	..	..	..
Everett,		7	1	..	..	..	..	..
Northampton,		3	2	..	..	..	..	..
Marlborough,		5	2	1	..	..	1	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		8	4	1	1	..	..	1
Newburyport,		4	3	1	..	..	..	1
Brookline,		6	1	..	..	..	..	..
Medford,		0	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		1	0	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,500,286	506	180	112	62	40	10	47

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twelve deaths were reported from the principal infectious diseases; diarrhœal diseases, 40; diphtheria and croup, 47; typhoid fever, 10; scarlet-fever, 7; cerebro-spinal meningitis, 6; whooping-cough and malarial fever, 1 each.

No deaths were reported from small-pox, measles, erysipelas and puerperal fever.

There were 62 deaths from consumption; acute lung diseases, 37; and still-births, 30.

From whooping-cough: Boston, 1. From scarlet-fever: Boston, 5; Fall River and Salem, 1 each. From cerebro-spinal meningitis: Holyoke, 3; Boston, 2; Lynn, 1. From malarial fever: Brocktou, 1.

Deaths under five years of age numbered 180, as compared with 181 for the preceding week.

Deaths from the principal infectious diseases numbered 112, as compared with 144 for the preceding week.

The death rates for the week were: Bostou, 22.82; Worcester, 19.15; Fall River, 14.65; Lowell, 19.51; Cambridge, 17.63; Lyun, 8.78; Somerville, ——; Springfield, 15.51; Lawrence, ——; New Bedford, 8.71; Holyoke, 17.99; Brockton, 3.06; Salem, 15.68; Haverhill, 11.05; Malden, 6.88; Chelsea, 13.96; Fitchburg, 8.84; Newtou, 18.03; Gloucester, ——; Taunton, 21.22; Waltham, 18.90; Pittsfield, 23.95; Everett, 23.84; Northampton, 9.36; Marlborough, 16.15; Chicopee, ——; Woburn, 27.84; Newbnryport, 14.71; Medford, ——.

The total death rate for the week was 17.53, against 18.48 and 19.60 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 20, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

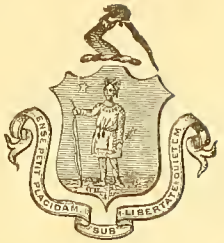
Scarlet-fever, ...	137.	Typhoid fever, ...	113.
Diphtheria and cronp, ...	132.	Measles, ...	13.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 20, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	29.65	54	62	46	91	60	76	S. W.	W.	6	18	C.	C.			0.42
Monday, 15,	29.98	44	50	38	54	50	52	W.	W.	22	15	C.	C.			0.00
Tuesday, 16,	29.80	49	60	38	59	68	64	S. W.	S. W.	10	16	F.	O.			0.00
Wednes'y, 17,	29.51	58	66	50	45	60	52	W.	W.	21	15	O.	C.			T.
Thursday, 18,	29.96	51	59	43	66	47	56	W.	W.	16	9	C.	C.			0.00
Friday, 19,	30.17	55	68	42	73	71	72	W.	S. W.	5	14	C.	C.			0.00
Saturday, 20,	30.11	64	76	53	72	82	77	S. W.	N. E.	10	8	C.	C.			0.00
Week, - -	29.89		63	44			64									0.42

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 27, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 43.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending October 27, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, bnt the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A snpply of these cards will be sent to any town clerk or health officer who has charge of such retnrns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infections Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	210	73	47	16	9	6	26
Worcester,	100,410	24	9	6	4	3	1	..
Fall River,	92,233	41	27	18	2	16	1	1
Lowell,	90,613	36	12	5	5	4	..	1
Cambridge,	79,607	38	13	10	6	6	1	2
Lynn,	65,123	13	..	2	2	..	..	..
Somerville,	50,727	13	3	3	2	..	..	1
Springfield,	50,284	7	2	..	1	..	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	21	5	..	4	..	..	..
Holyoke,	43,348	17	6	5	3	4	..	..
Brockton,	33,939	6	4	1	..	..	..	..
Salem,	33,155	7	0	1	..	..	..	1
Haverhill,	32,925	7	3	..	..	..	..	..
Malden,	30,209	11	2	1	2	1	..	..
Chelsea,	29,806	12	7	1	1	..	..	1
Fitchburg,	29,383	7	1	..	1	..	..	..
Newton,	28,837	12	5	2	1	..	1	1
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	9	3	4	1	1	1	2
Waltham,		4	1	2	..	..	..	2
Quincy,		..	..	..	..	..	..	..
North Adams,		14	2	3	3	..	3	..
Pittsfield,		5	3	1	..	1	..	..
Everett,		1	0	..	..	..	..	..
Northampton,		..	..	..	..	..	..	..
Marlborough,		4	2	1	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		4	0	..	..	..	..	..
Newburyport,		3	1	..	..	..	..	..
Brookline,		2	1	..	..	..	..	..
Medford,		2	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		3	0	..	1	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	1	1	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,537,348	536	187	114	55	45	14	38

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and fourteen deaths were reported from the principal infectious diseases; diarrhœal diseases, 45; diphtheria and croup, 38; typhoid fever, 14; scarlet-fever, 7; cerebro-spinal meningitis, 5; whooping-cough, 4; malarial fever, 1.

No deaths were reported from small-pox, measles, erysipelas and malarial fever.

There were 55 deaths from consumption; acute lung diseases, 46; and still-births, 35.

From scarlet-fever: Boston, 2; Worcester, Cambridge, Lynn and Somerville, 1 each. From cerebro-spinal meningitis: Worcester, Lynn, Somerville, Holyoke and Marlborough, 1 each. From whooping-cough: Boston, 3; Brockton, 1. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 187, as compared with 180 for the preceding week.

Deaths from the principal infectious diseases numbered 114, the same as for the preceding week.

The death rates for the week were: Boston, 20.85; Worcester, 12.42; Fall River, 23.11; Lowell, 20.66; Cambridge, 24.82; Lynn, 10.38; Somerville, 13.32; Springfield, 7.23; Lawrence, ——; New Bedford, 22.88; Holyoke, 20.39; Brockton, 26.04; Salem, 10.97; Haverhill, 11.05; Malden, 18.93; Chelsea, 20.94; Fitchburg, 12.38; Newton, 21.63; Gloucester, ——; Taunton, 17.36; Waltham, 10.45; Quincy, ——; North Adams, ——; Pittsfield, 18.31; Everett, 3.40; Northampton, ——; Marlborough, 12.92; Chicopee, ——; Woburn, 13.92; Newburyport, 11.02; Medford, 8.18.

The total death rate for the week was 18.11, against 17.53 and 18.48 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCTOBER 27, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	179.	Typhoid fever, ...	129.
Diphtheria and croup, ...	202.	Measles, ...	23.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 27, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	30.26	52	56	48	92	90		91	N. E.	E.		8	9		O.	O.			T.
Monday, 22,	30.38	50	53	48	89	83		86	N. E.	E.		7	8		O.	C.			0.00
Tuesday, 23,	30.38	48	51	45	71	82		76	N. E.	N. E.		6	4		O.	O.			0.00
Wednes'y, 24,	30.30	50	52	47	83	85		84	S. E.	E.		7	16		O.	O.			0.00
Thursday, 25,	30.14	48	50	46	81	95		88	N. E.	N. E.		15	24		O.	R.			0.33
Friday, 26,	29.88	50	52	48	88	97		92	N. E.	N.		32	16		O.	R.			1.13
Saturday, 27,	30.00	52	61	42	89	78		84	N.	S.		5	7		F.	C.			T.
Week, - -	30.19		53	46				86											1.46

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 3, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 44.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
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JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 3, 1894.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	218	85	40	26	4	4	30
Worcester,	100,410	25	11	4	3	1	..	2
Fall River,	92,233	31	9	3	7	1	1	1
Lowell,	90,613	21	10	1	1	1	..	..
Cambridge,	79,607	28	11	5	2	1	1	3
Lynn,	65,123	11	3	2	2	..	..	1
Somerville,	50,727	19	7	3	3	..	..	1
Springfield,	50,284	13	3	4	2	..	1	1
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	17	7	2	1	2	..	..
Holyoke,	43,348	12	6	..	2	..	..	..
Brockton,	33,939	8	..	1	..	1	..	..
Salem,	33,155	9	6	2	1	..	..	1
Haverhill,	32,925	6	1	..	..	..	..	..
Malden,	30,209	4	1	..	..	..	..	..
Chelsea,	29,806	14	5	3	2	..	..	2
Fitchburg,	29,383	3	1	..	..	..	..	..
Newton,	28,837	8	2	2	..	..	2	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	13	4	4	1	..	..	4
Waltham,		4	1	1	1	..	..	1
Quincy,		4	0	..	1	..	..	..
North Adams,		4	0	2	..	..	2	..
Pittsfield,		3	2	2	1	1	1	..
Everett,		2	0	..	..	..	..	..
Northampton,		3	0	1	..	..	..	1
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		2	1	..	..	..	..	..
Newburyport,		4	0	1	1	..	1	..
Brookline,		3	1	..	..	..	..	..
Medford,		3	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		1	1	1	..	..	..	1
Adams,		..	..	..	..	..	..	..
Amesbury,		0	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,558,264	493	179	84	57	12	13	49

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty-four deaths were reported from the principal infectious diseases; diphtheria and croup, 49; typhoid fever, 13; diarrhœal diseases, 12; cerebro-spinal meningitis, 4; scarlet-fever, 3; whooping-cough, 2; puerperal fever, 1.

No deaths were reported from small-pox, erysipelas and malarial fever.

There were 57 deaths from acute lung diseases; consumption, 53; and still-births, 34.

From cerebro-spinal meningitis: Worcester, Lynn, Somerville and Chelsea, 1 each. From scarlet-fever: Boston, Somerville and Springfield, 1 each. From whooping-cough: Springfield and Salem, 1 each. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 179, as compared with 187 for the preceding week.

Deaths from the principal infectious diseases numbered 84, as compared with 114 for the preceding week.

The death rates for the week were: Boston, 22.61; Worcester, 12.94; Fall River, 17.47; Lowell, 12.05; Cambridge, 18.28; Lynn, 8.78; Somerville, 19.74; Springfield, 13.44; Lawrence, ——; New Bedford, 18.52; Holyoke, 14.39; Brockton, 12.25; Salem, 14.11; Haverhill, 9.47; Malden, 6.88; Chelsea, 24.43; Fitchburg, 5.30; Newton, 14.42; Gloucester, ——; Taunton, 25.08; Waltham, 9.45; Quincy, ——; North Adams, 11.00; Pittsfield, 7.98; Everett, 6.81; Northampton, 9.36; Marlborough, ——; Chicopee, ——; Woburn, 6.96; Newburyport, 14.71; Medford, 12.28.

The total death rate for the week was 16.45, against 18.11 and 17.53 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 3, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	203.	Typhoid fever, ...	93.
Diphtheria and croup, ...	207.	Measles, ...	30.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 3, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Oct.															
Sunday, 28,	30.13	52	57	46	76	80	78	W.	S. E.	3	6	C.	C.		0.00
Monday, 29,	30.09	52	58	47	81	72	76	N.	N. E.	11	15	O.	C.		0.00
Tuesday, 30,	30.22	48	51	46	84	97	90	N. E.	E.	16	12	O.	R.		0.04
Wednes'y, 31,	29.81	56	63	48	100	91	95	N. E.	S. W.	11	15	Fog.	C.		0.54
Nov.															
Thursday, 1,	30.07	52	59	44	72	62	67	S. W.	S. W.	13	16	C.	O.		0.00
Friday, 2,	30.26	54	64	45	69	73	71	W.	S. W.	7	12	C.	C.		0.00
Saturday, 3,	29.75	58	66	49	80	69	74	S.	W.	14	19	O.	C.		0.46
Week, - -	30.05		59	46			79								1.04

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 5 smaller towns of Massachusetts, as reported to the State Board of Health for the month of October.

The total death rate of reporting towns was 12.16.

Towns.	Estimated Population.	Reported Deaths in Each.	Deaths under five years of age.	Deaths from: Infectious Diseases.	Consumption.	Typhoid Fever.	Scarlet-fever.	Diarrhœal Diseases.
Revere,	7,293	5	1	1	..	..	..	1
Hudson,	5,232	4	1	1	..	..	1	..
Orange,	5,302	11	5	3	1	..	..	2
Concord,	4,987	3	0	..	..	..	..	..
Merrimac,	2,837	3	1	1	..	1	..	..
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Total of reporting towns,	25,651	26	8	6	1	1	1	3

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 10, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of October.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 45.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
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JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 10, 1894.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	198	67	49	29	5	8	28
Worcester,	100,410	36	16	8	5	3	..	2
Fall River,	92,233	30	17	4	3	2	2	..
Lowell,	90,613	35	12	5	5	2	..	1
Cambridge,	79,607	34	12	9	4	5	..	3
Lynn,	65,123	15	5	7	..	5	1	1
Somerville,	50,727	18	6	3	2	..	1	1
Springfield,	50,284	19	3	2	3	..	1	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	11	7	..	2	..	..	..
Holyoke,	43,348	7	..	3	2	2	..	..
Brockton,	33,939	6	3	1	..	..	..	..
Salem,	33,155	4	1	1	..	1	..	..
Haverhill,	32,925	1	0	..	..	..	..	..
Malden,	30,209	8	1	1	1	..	1	..
Chelsea,	29,806	6	3	1	..	..	..	1
Fitchburg,	29,383	4	2	2	..	..	..	..
Newton,	28,837	4	0	2	..	..	2	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	10	1	1	1	..	1	..
Waltham,		4	1	1	..	..	..	1
Quincy,		4	2	2	..	..	..	2
North Adams,		3	0	..	..	..	..	..
Pittsfield,		5	2	2	..	..	..	..
Everett,		5	2	1	..	..	1	..
Northampton,		3	0	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		10	4	3	1	..	..	1
Newburyport,		2	1	..	..	..	..	..
Brookline,		2	1	..	..	..	..	..
Medford,		6	0	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	2	..	..	..	..	..
Clinton,		5	4	4	..	2	..	1
Adams,		..	..	..	..	..	..	..
Amesbury,		2	1	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,589,911	500	176	112	58	27	18	42

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twelve deaths were reported from the principal infections diseases; diphtheria and croup, 42; diarrhœal diseases, 27; typhoid fever, 18; scarlet-fever, 8; cerebro-spinal meningitis, 7; whooping-cough, 6; erysipelas, 2; malarial fever and measles, 1 each.

No deaths were reported from small-pox and puerperal fever.

There were 58 deaths from acute lung diseases; consumption, 50; and still-births, 36.

From scarlet-fever: Boston, 3; Lowell, Cambridge, Springfield, Pittsfield and Woburn, 1 each. From cerebro-spinal meningitis: Worcester, 3; Boston, Lowell, Holyoke and Fitchburg, 1 each. From whooping-cough: Boston, Somerville, Brockton, Fitchburg, Pittsfield and Clinton, 1 each. From erysipelas: Boston, 2. From malarial fever: Woburn, 1. From measles: Boston, 1.

Deaths under five years of age numbered 176, as compared with 179 for the preceding week.

Deaths from the principal infectious diseases numbered 112, as compared with 84 for the preceding week.

The death rates for the week were: Boston, 20.54; Worcester, 18.64; Fall River, 16.91; Lowell, 20.08; Cambridge, 22.20; Lynn, 14.37; Somerville, 18.45; Springfield, 19.54; Lawrence, ——; New Bedford, 11.98; Holyoke, 8.39; Brockton, 9.19; Salem, 6.97; Haverhill, 1.57; Malden, 13.77; Chelsea, 10.47; Fitchburg, 7.07; Newton, 7.21; Gloucester, ——; Taunton, 19.29; Waltham, 4.72; Quincy, ——; North Adams, 8.25; Pittsfield, 13.31; Everett, 17.03; Northampton, 9.36; Marlborough, ——; Chicopee, ——; Woburn, 34.81; Newburyport, 7.35; Medford, 24.56.

The total death rate for the week was 16.41, against 16.45 and 18.11 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 10, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	161.	Typhoid fever, ...	107.
Diphtheria and croup, ...	181.	Measles, ...	34.
Glanders, ...	1.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 10, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	29.88	46	50	43	60	57	58	W.	W.		8	4		C.	C.			0.00
Monday, 5,	29.64	45	50	40	71	96	84	E.	N. E.		16	27		O.	R.			0.60
Tuesday, 6,	29.67	33	35	31	95	74	85	N. W.	W.		24	13		T.	C.			0.90
Wednes'y, 7,	30.00	32	38	27	62	58	60	W.	W.		18	8		O.	F.			0.00
Thursday, 8,	30.12	30	33	27	64	94	79	N. W.	N.		5	12		O.	N.			0.29
Friday, 9,	30.00	32	34	29	91	100	96	N.	N.		14	10		O.	R.			0.05
Saturday, 10,	29.83	38	42	33	95	66	81	N. W.	S. W.		10	7		R.	C.			0.29
Week, - -	29.88		43	31			78											2.13

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of October: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	123	160	283	Maple Syrup,	1	0	1
Butter,	36	0	36	Canned Goods,	..	..	..
Cheese,	1	0	1	Honey,	4	0	4
Lard,	..	..	..	Tea,	2	1	3
Olive Oil,	4	1	5	Coffee,	2	5	7
Vinegar,	3	4	7	Cocoa,	..	..	..
Spices,	103	19	122	Confectionery,	2	0	2
Cream of Tartar,	33	2	35	Other articles of Food and Drinks,	..	..	..
Molasses,	15	1	16	Drugs,	4	2	6
Syrups,	2	1	3				
Maple Sugar,	1	0	1				
				Totals,	336	196	532

Percentage of adulteration, 36.8. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 56.5 per cent., against 61.7 per cent. for the preceding month, while the percentage of other articles of food and drugs was 14.4.

Ten complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of Milk. Fines were imposed amounting to $300.

The samples of drugs found to be adulterated were Red Wine and Oil of Lemon.

The cities and towns from which samples of food were collected were Boston, Worcester, Fall River, Lowell, Cambridge, Somerville, Lawrence, Chelsea, Fitchburg, Newton, Gloucester, Waltham, North Adams, Everett, Marlborough, Woburn, Amherst, Brookline, Danvers, Dedham, Framingham, Franklin, Gardner, Greenfield, Hardwick, Medford, Medway, Milford, Peabody, Stoneham and Upton.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 17, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 46.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 17, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	202	57	41	23	5	28	3
Worcester,	100,410	22	7	2	2	1	1	..
Fall River,	92,233	25	9	6	2	2	1	..
Lowell,	90,613	22	5	2	3	1	1	..
Cambridge,	79,607	15	2	2	2	1	..	1
Lynu,	65,123	17	..	2	2	..	2	..
Somerville,	50,727	8	3	..	1	..	..	..
Springfield,	50,284	16	0	3	2	3	..	..
Lawreuce,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	13	5	..	2	..	..	..
Holyoke,	43,348	10	3	1	5	..	..	..
Brockton,	33,939	..	..	..	..	..	..	..
Salem,	33,155	4	0	..	2	..	..	..
Haverhill,	32,925	10	1	3	..	1	2	..
Malden,	30,209	11	3	..	2	..	..	..
Chelsea,	29,806	15	4	..	..	..	..	..
Fitchburg,	29,383	3	1	..	..	..	..	..
Newton,	28,837	6	1	..	2	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	..	..	..	..	..	..	..
Waltham,		3	0	..	1	..	..	..
Quincy,		6	4	..	..	..	..	..
North Adams,		10	3	3	1	1	..	..
Pittsfield,		3	2	1	2	..	..	..
Everett,		3	2	..	..	..	..	..
Northampton,		5	1	1	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		15	11	4	1	..	..	4
Newburyport,		3	1	..	..	..	..	..
Brookline,		4	2	..	..	..	..	..
Medford,		5	1	2	..	..	..	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	3	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		6	2	..	2	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,487,411	477	133	73	57	15	35	9

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-three deaths were reported from the principal infectious diseases; diphtheria and croup, 35; typhoid fever, 15; scarlet-fever, 9; diarrhœal diseases, 5; puerperal fever, 3; cerebro-spiual meningitis, 2; whooping-cough, 2; measles, 1; erysipelas, 1.

No deaths were reported from small-pox and malarial fever.

There were 57 deaths from acute luug diseases; consumptiou, 55; aud still-births, 46.

From diarrhœal diseases: Boston, 3; Fall River and Medford, 1 each. From puerperal fever: Boston, Fall River and Northampton, 1 each. From whooping-cough: Fall River and Pittsfield, 1 each. From cerebro-spinal meningitis: Boston and North Adams, 1 each. From measles: Holyoke, 1. From erysipelas: North Adams, 1.

Deaths under five years of age numbered 133, as compared with 176 for the preceding week.

Deaths from the principal iufectious diseases numbered 73, as compared with 112 for the preceding week.

The death rates for the week were: Boston, 20.95; Worcester, 11.39; Fall River, 14.09; Lowell, 12.40; Cambridge, 9.79; Lynu, 13.57; Somerville, 8.20; Springfield, 16.54; Lawrence, ——; New Bedford, 17.43; Holyoke, 11.99; Brockton, ——; Salem, 6.27; Haverhill, 15.79; Malden, 18.29; Chelsea, 26.17; Fitchburg, 5.30; Newton, 10.81; Gloucester, ——; Taunton, ——; Waltham, 7.08; Quincy, 12.36; North Adams, 27.51; Pittsfield, 7.98; Everett, 10.22; Northampton, 15.60; Marlborough, ——; Chicopee, ——; Wohurn, ——; Newburyport, 11.03; Medford, 2.04.

The total death rate for the week was 16.67, agaiust 16.41 and 16.45 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 17, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	154.	Typhoid fever, ...	59.
Diphtheria and croup, ...	223.	Measles, ...	19.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.			VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 17, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	29.94	34.5	39	30	74	56		65	W.	W.		10	11		C.	C.			0.00
Monday, 12,	30.26	30.5	36	25	76	53		64	W.	N. W.		14	5		C.	C.			0.00
Tuesday, 13,	30.23	33.5	43	24	59	92		76	S.	S. E.		8	8		O.	O.			0.01
Wednes'y, 14,	29.86	37.5	41	34	92	79		86	W.	W.		2	15		O.	O.			0.13
Thursday, 15,	30.02	42.0	48	36	52	64		58	W.	S. W.		10	15		C.	F.			0.00
Friday, 16,	29.94	51.5	61	42	67	77		72	S. W.	S. W.		13	12		C.	C.			0.00
Saturday, 17,	29.95	48.5	55	42	68	68		68	S. W.	N. W.		19	9		O.	O.			0.09
Week, - -	30.03		46	33				70											0.23

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 24, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 47.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
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SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending November 24, 1894.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	204	63	44	30	2	30	3
Worcester,	100,410	20	6	3	1	..	1	..
Fall River,	92,233	33	10	7	2	3	3	..
Lowell,	90,613	36	13	1	6	..	..	..
Cambridge,	79,607	21	4	5	2	3	..	2
Lynn,	65,123	23	7	4	1	..	2	1
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	11	2	2	1	1	..	..
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	22	9	2	2	..	..	..
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	10	2	1	4	..	1	..
Salem,	33,155	7	3	1	1	..	1	..
Haverhill,	32,925	13	3	..	1	..	..	..
Malden,	30,209	7	2	1	1	1	..	..
Chelsea,	29,806	13	2	6	2	..	6	..
Fitchburg,	29,383	8	3	2	1	..	1	..
Newton,	28,837	5	2	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	15	7	5	1	..	5	..
Waltham,		5	1	3	1	..	3	..
Quincy,		6	4	..	..	..	..	..
North Adams,		5	0	..	1	..	..	..
Pittsfield,		5	4	5	..	1	3	..
Everett,		5	1	..	1	..	..	..
Northampton,		..	..	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		3	1	1	..	..	..	1
Newburyport,		..	..	..	..	..	..	..
Brookline,		4	2	..	..	..	..	..
Medford,		3	1	1	..	..	..	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		5	2	1	..	1	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		4	2	..	1	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,433,432	493	156	95	60	12	56	8

DEATHS FROM PREVALENT DISEASES IN 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Ninety-five deaths were reported from the principal infectious diseases; diphtheria and croup, 56; typhoid fever, 12; scarlet-fever, 8; diarrhœal diseases, 8; whooping-cough, 5; cerebro-spinal meningitis, 2; malarial fever, 2; measles, 1; erysipelas, 1.

No deaths were reported from small-pox and puerperal fever.

There were 60 deaths from acute lung diseases; consumption, 57; and still-births, 28.

From diarrhœal diseases: Boston, 3; Fall River, Lowell, Springfield, New Bedford and Chelsea, 1 each. From whooping-cough: Boston, 4; Pittsfield, 1. From cerebro-spinal meningitis: Lynn and New Bedford, 1 each. From malarial fever: Boston, 2. From measles: Worcester, 1. From erysipelas: Worcester, 1.

Deaths under five years of age numbered 156, as compared with 133 for the preceding week.

Deaths from the principal infectious diseases numbered 95, as compared with 73 for the preceding week.

The death rates for the week were: Boston, 21.16; Worcester, 10.35; Fall River, 18.60; Lowell, 20.66; Cambridge, 20.17; Lynn, 18.30; Somerville, ——; Springfield, 11.37; Lawrence, ——; New Bedford, 23.97; Holyoke, ——; Brockton, 15.32; Salem, 10.97; Haverhill, 20.53; Malden, 12.04; Chelsea, 22.68; Fitchburg, 14.15; Newton, 9.01; Gloucester, ——; Taunton, 28.94; Waltham, 16.81; Quincy, 12.36; North Adams, 13.75; Pittsfield, 13.31; Everett, 17.03; Northampton, ——; Marlborough, ——; Chicopee, ——; Woburn, 10.44; Newburyport, ——; Medford, 12.28.

The total death rate for the week was 17.88, against 16.67 and 16.41 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOVEMBER 24, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

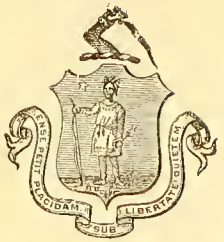
Scarlet-fever,	188.	Typhoid fever,	75.
Diphtheria and croup,	239.	Measles,	56.
Glanders,	1.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 24, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	30.18	36	41	31	53	73	63	N.	E.	12	6	C.	F.		0.00
Monday, 19,	30.00	38	46	30	85	47	66	W.	W.	7	20	T.	C.		0.02
Tuesday, 20,	30.59	24	34	15	36	62	49	W.	S. W.	13	12	C.	C.		0.00
Wednes'y, 21,	30.20	38	49	27	78	92	85	S. E.	N. W.	8	11	T.	R.		0.12
Thursday, 22,	30.26	44	50	39	78	63	70	W.	N. W.	14	2	C.	C.		T.
Friday, 23,	30.08	44	50	38	91	78	85	S.	W.	14	16	O.	R.		T.
Saturday, 24,	29.98	40	44	36	67	83	75	N. W.	S. W.	12	6	C.	R.		T.
Week, - -	30.17		45	31			71								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 1, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 48.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 1, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued. to contain the returns from all reporting towns for the mouth.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	231	71	56	23	1	7	42
Worcester,	100,410	32	11	4	4	..	1	2
Fall River,	92,233	27	10	5	3	4	..	1
Lowell,	90,613	29	16	4	2	2	..	2
Cambridge,	79,607	17	3	1	2	..	..	1
Lynn,	65,123	24	1	3	4	..	..	3
Somerville,	50,727	24	5	5	4	..	1	1
Springfield,	50,284	13	4	1	1	1	..	..
Lawrence,	49,900	9	8	..	..	..	..	..
New Bedford,	47,741	17	7	..	3	..	..	..
Holyoke,	43,348	22	10	3	6	..	..	..
Brockton,	33,939	6	..	1	2	..	..	1
Salem,	33,155	7	2	..	..	..	..	..
Haverhill,	32,925	6	0	1	..	..	..	..
Malden,	30,209	5	2	1	1	..	..	1
Chelsea,	29,806	18	1	4	2	..	..	4
Fitchburg,	29,383	8	2	2	1	..	1	1
Newton,	28,837	5	0	2	1	..	..	2
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	9	2	3	2	..	1	2
Waltham,		5	2	1	1	..	..	1
Quincy,		13	6	7	2	..	1	6
North Adams,		3	1	1	..	..	..	..
Pittsfield,		..	..	..	..	..	..	..
Everett,		4	0	..	..	..	..	..
Northampton,		2	0	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		8	2	..	..	..	..	..
Newburyport,		2	1	1	..	..	1	..
Brookline,		..	..	..	..	..	..	..
Medford,		5	0	..	1	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		4	0	1	..	..	1	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		1	0	..	1	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Consumption.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,574,242	556	167	107	66	8	14	70

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seven deaths were reported from the principal infectious diseases; diphtheria and croup, 70; typhoid fever, 14; diarrhœal diseases, 8; scarlet-fever, 6; measles, 3; whooping-cough, 3; cerebro-spinal meningitis, erysipelas and puerperal fever, 1 each.

No deaths were reported from small-pox and malarial fever.

There were 66 deaths from consumption; acute lung diseases, 77; and still-births, 44.

From scarlet-fever: Somerville, 3; Boston, 2; Worcester, 1. From measles: Holyoke, 3. From whooping-cough: Boston, 3. From cerebro-spinal meningitis: North Adams, 1. From erysipelas: Haverhill, 1. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 167, as compared with 156 for the preceding week.

Deaths from the principal infectious diseases numbered 107, as compared with 95 for the preceding week.

The death rates for the week were: Boston, 23.96; Worcester, 16.56; Fall River, 15.22; Lowell, 16.64; Cambridge, 11.10; Lynn, 19.16; Somerville, 24.60; Springfield, 13.44; Lawrence, 9.38; New Bedford, 18.52; Holyoke, 26.39; Brockton, 9.19; Salem, 10.97; Haverhill, 9.47; Malden, 8.60; Chelsea, 31.41; Fitchburg, 14.15; Newton, 18.03; Gloucester, ——; Taunton, 17.36; Waltham, 11.81; Quincy, 26.78; North Adams, 8.25; Pittsfield, ——; Everett, 13.62; Northampton, 6.24; Marlborough, ——; Chicopee, ——; Woburn, 27.84; Newburyport, 7.35; Medford, 2.04.

The total death rate for the week was 18.63, against 17.88 and 16.67 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 1, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Diphtheria and croup, ...	187.	Typhoid fever, ...	77.
Scarlet-fever, ...	158.	Measles, ...	51.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 1, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Nov.															
Sunday, 25,	29.76	36	39	34	82	80	81	W.	N.	16	16	N.	O.		0.10
Monday, 26,	30.20	28	30	25	64	46	55	N. W.	N.	14	5	C.	O.		0.00
Tuesday, 27,	29.66	38	53	24	60	58	59	S. W.	S. W.	24	8	R.	C.		0.01
Wednes'y, 28,	30.12	28	33	23	67	40	54	W.	N. W.	19	18	C.	C.		T.
Thursday, 29,	30.63	22	26	18	48	38	43	N. W.	N. W.	22	14	C.	C.		0.00
Friday, 30,	30.58	23	31	15	56	95	80	N. E.	S. E.	5	4	N.	O.		0.03
Dec.															
Saturday, 1,	30.28	30	36	25	89	93	91	N. W.	W.	5	6	N.	C.		0.02
Week, - -	30.18		35	23			66								0.15

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

MONTHLY MORTALITY

In the 5 smaller towns of Massachusetts, as reported to the State Board of Health for the month of November.

The total death rate of reporting towns was 6.08.

TOWNS.	ESTIMATED POPULATION.	Reported Deaths in Each.	Deaths under five years of age.	DEATHS FROM					
				Infectious Diseases.	Consumption.	Typhoid Fever.	Diphtheria and Croup.		
Revere, ...	7,293	8	1	3	1	..	3		
Hudson, ...	5,232	9	1	1	1	1	..		
Orange, ...	5,302	7	1	1	1	..	1		
Concord, ...	4,987	5	0	1	..	..	1		
Merrimac, ...	2,837	1	0	..	..	..	..		
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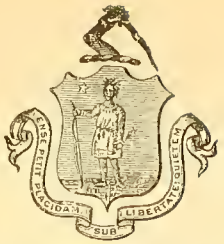
Total of reporting towns, . .	25,651	30	3	6	3	1	5		



Weekly Return of Mortality

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 8, 1894,

AND

MONTHLY BULLETIN

OF

FOOD AND DRUG INSPECTION

For the Month of November.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 49.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
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MORTALITY OF MASSACHUSETTS

For the Week ending December 8, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	ESTIMATED POPULATION. 1894.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	244	86	61	30	5	43	4
Worcester,	100,410	13	4	1	3	..	..	..
Fall River,	92,233	33	10	6	7	3	..	..
Lowell,	90,613	32	16	3	9	..	2	..
Cambridge,	79,607	14	4	3	3	..	2	..
Lynn,	65,123	..	..	..	..	..	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	8	0	..	..	..	..	..
Lawrence,	49,900	17	7	1	4	..	..	1
New Bedford,	47,741	20	7	4	1	..	2	..
Holyoke,	43,348	11	..	..	3	..	..	..
Brockton,	33,939	8	3	..	..	..	..	..
Salem,	33,155	9	6	..	1	..	..	..
Haverhill,	32,925	5	0	..	..	..	..	..
Malden,	30,209	6	2	3	..	1	1	..
Chelsea,	29,806	6	4	1	..	..	1	..
Fitchburg,	29,383	7	4	..	1	..	..	..
Newton,	28,837	7	4	4	..	..	4	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	18	5	4	..	..	3	..
Waltham,		3	0	..	..	..	..	..
Quincy,		10	3	3	1	..	3	..
North Adams,		9	2	..	3	..	..	..
Pittsfield,		4	2	2	2	..	1	..
Everett,		3	2	..	..	..	..	..
Northampton,		4	0	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		8	3	3	..	..	..	3
Newburyport,		7	0	..	1	..	..	..
Brookline,		3	1	1	1	..	1	..
Medford,		5	1	1	..	..	..	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		4	0	1	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	0	..	1	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,492,354	521	176	102	71	9	63	9

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and two deaths were reported from the principal infectious diseases; diphtheria and croup, 63; typhoid fever, scarlet-fever and whooping-cough, 9 each; diarrhœal diseases, 8; puerperal fever, 2; cerebro-spinal meningitis and erysipelas, 1 each.

No deaths were reported from measles and malarial fever.

There were 71 deaths from acute lung diseases; consumption, 65; and still-births, 30.

From whooping-cough: Boston, 4; Worcester, Fall River, Lowell, Taunton and Pittsfield, 1 each. From diarrhœal disaases: Boston, Fall River and Lawrence, 2 each: Cambridge and Malden, 1 each. From puerperal fever: Boston and Hyde Park, 1 each. From cerebro-spinal meningitis: Boston, 1. From erysipelas: Boston, 1.

Deaths under five years of age numbered 176, as compared with 167 for the preceding week.

Deaths from the principal infectious diseases numbered 102, as compared with 107 for the preceding week.

The death rates for the week were: Boston, 25.31; Worcester, 6.73; Fall River, 18.60; Lowell, 18.36; Cambridge, 9.14; Lynn, ——; Somerville, ——; Springfield, 8.27; Lawrence, 17.71; New Bedford, 21.79; Holyoke, 13.19; Brockton, 12.25; Salem, 14.05; Haverhill, 7.89; Malden, 10.32; Chelsea, 10.47; Fitchburg, 12.38; Newton, 12.62; Gloucester, ——; Taunton, 34.72; Waltham, 7.08; Quincy, 20 60; North Adams, 24.75; Pittsfield, 10.64; Everett, 10.22; Northampton, 12.48; Marlborough, ——; Chicopee, ——; Woburn, 27.84; Newburyport, 25.75; Medford, 20.47.

The total death rate for the week was 18.08, against 18.63 and 17.88 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 8, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Diphtheria and croup,	218.	Typhoid fever,	68.
Scarlet-fever,	198.	Measles,	55.
Small-pox,	1.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 8. 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 2,	29.95	31	34	28	80	95	88	N.	N. W.	3	6	O.	N.		0.44
Monday, 3,	30.14	32	37	26	77	66	71	N. W.	W.	15	8	C.	C.		0.02
Tuesday, 4,	30.06	30	38	22	76	72	74	S. W.	W.	9	6	F.	C.		0.00
Wednes'y, 5,	30.12	34	43	25	76	73	74	N. W.	S. W.	9	9	C.	C.		0.00
Thursday, 6,	30.07	38	46	29	68	72	70	S. W.	W.	14	11	C.	C.		0.00
Friday, 7,	30.18	36	41	30	53	66	60	N. W.	S.	9	7	C.	O.		0.00
Saturday, 8,	30.14	34	38	31	66	94	80	S.	N. E.	3	5	O.	N.		0.03
Week. - -	30.09		39	27			74								0.49

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of November: —

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	94	91	185	Maple Syrup,	4	0	4
Butter,	19	1	20	Canned Goods,	4	0	4
Cheese,	3	0	3	Honey,	3	0	3
Lard,	..	..	..	Tea,	4	3	7
Olive Oil,	4	0	4	Coffee,	7	2	9
Vinegar,	..	..	..	Cocoa,	..	..	..
Spices,	84	8	92	Confectionery,	12	0	12
Cream of Tartar,	23	2	25	Other articles of Food and Drinks,	17	15	32
Molasses,	8	1	9	Drugs,	16	26	42
Syrups,	0	1	1				
Maple Sugar,	..	..	..				
				Totals,	302	150	452

Percentage of adulteration, 33.2. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is, therefore, mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of Milk found to be adulterated was 49.2 per cent., as compared with 56.5 per cent. for the preceding month, while the percentage of other articles of food and drugs was 22.1.

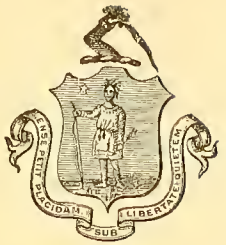
Seven complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Six of these were for violation of the statutes relative to the sale of Milk and one of Cream of Tartar. Fines were imposed amounting to $300.

One sample of Distilled Water was found to contain 122 parts per 100,000 of solid matter, instead of 0 part.

One four-ounce bottle of Face Bleach contained 27 grains of Corrosive Sublimate.

Among a lot of samples obtained at the Pure Food Exhibition were the following: Samples of Mustard containing 40 per cent. of foreign ingredients; Catsup, Cider and Grape-juice containing Salicylic Acid; and Shredded Codfish containing Boracic Acid.

The cities and towns from which samples of food were collected were Boston, Worcester, Cambridge, Lawrence, Salem, Malden, Chelsea, Newton, Gloucester, Taunton, Waltham, North Adams, Marlborough, Belmont, Framingham, Gardner, Leominster, Medway, Melrose, Natick, Revere and Ware.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 15, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 50.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 15, 1894.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Boston,	501,107	222	62	43	33	3	30	5
Worcester,	100,410	22	8	3	4	..	..	..
Fall River,	92,233	22	8	3	4	1	..	..
Lowell,	90,613	32	10	..	9	..	..	..
Cambridge,	79,607	22	7	3	3	..	1	..
Lynn,	65,123	14	..	1	1	..	..	..
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	8	3	1	2	..	..	..
Lawrence,	49,900	24	13	4	3	..	1	2
New Bedford,	47,741	22	10	4	1	1	3	..
Holyoke,	43,348	16	8	3	3	..	..	..
Brockton,	33,939	9	1	2	..	..	..	2
Salem,	33,155	8	5	1	3	..	1	..
Haverhill,	32,925	6	2	..	1	..	..	..
Malden,	30,209	10	2	3	..	..	3	..
Chelsea,	29,806	14	2	..	1	..	..	..
Fitchburg,	29,383	4	0	..	..	..	..	..
Newton,	28,837	4	0	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	5	1	..	1	..	..	..
Waltham,		5	2	..	1	..	..	..
Quincy,		..	..	..	..	..	..	..
North Adams,		1	0	..	..	..	..	..
Pittsfield,		3	0	..	..	..	..	..
Everett,		11	3	2	..	..	..	..
Northampton,		3	1	..	..	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		9	0	3	..	1	..	2
Newburyport,		7	0	1	..	..	..	..
Brookline,		6	2	1	..	..	1	..
Medford,		7	3	1	1	..	..	1
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		1	0	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		4	0	1	1	1	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Diphtheria and Croup.	Scarlet-fever.
Total of reporting towns,	1,583,811	521	153	80	72	7	40	12

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Eighty deaths were reported from the principal infectious diseases; diphtheria and croup, 40; scarlet-fever, 12; typhoid fever, 7; cerebro-spiual meningitis, 8; diarrhœal diseases, 7; whoopiug-cough, 4; erysipelas, 2.

No deaths were reported from small-pox, measles, puerperal fever and malarial fever.

There were 70 deaths from acute lung diseases; consumption, 56; and still-births, 29.

From cerebro-spinal meningitis: Holyoke, 3; Everett, 2; Worcester, Lynu and Newburyport, 1 each. From diarrhœal diseases: Fall River and Cambridge, 2 each; Boston, Worcester and Springfield, 1 each. From whoopiug-cough: Boston, 2; Worcester and Lawrence, 1 each. From erysipelas: Boston, 2.

Deaths under five years of age numbered 153, as compared with 176 for the preceding week.

Deaths from the principal infectious diseases numbered 80, as compared with 102 for the preceding week.

The death rates for the week were: Boston, 23.03; Worcester, 11.39; Fall River, 12.40; Lowell, 18.36; Cambridge, 14.36; Lynn, 11.17; Somerville, ——; Springfield, 8.27; Lawrence, 25.01; New Bedford, 23.97; Holyoke, 19.19; Brockton, 13.78; Salem, 12.54; Haverhill, 9.47; Malden, 17.21; Chelsea, 24.43; Fitchburg, 7.07; Newton, 7.21; Gloucester, ——; Taunton, 9.64; Waltham, 11.81; Quincy, ——; North Adams, 2.75; Pittsfield, 7.98; Everett, 37.47; Northampton, 9.36; Marlborough, ——; Chicopee, ——; Woburn, 31.32; Newburyport, 33.11; Medford, 28.65.

The total death rate for the week was 17.09, against 18.08 and 18.63 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 15, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

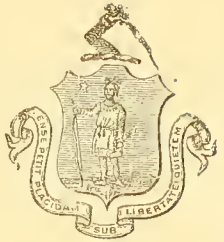
Diphtheria and croup, ...	212.	Typhoid fever, ...	65.
Scarlet-fever, ...	185.	Measles, ...	51.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 15, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 9,	30.02	28	35	21	84	100	92	E.	N.	21	16	T.	N.		0.43
Monday, 10,	30.44	24	30	19	81	76	78	N.W.	N.	10	8	F.	O.		0.04
Tuesday, 11,	30.43	28	39	18	80	96	88	E.	E.	10	13	O.	R.		0.10
Wednes'y, 12,	29.92	44	49	38	100	98	99	N.	W.	7	11	G.	O.		0.69
Thursday, 13,	29.69	43	46	40	84	88	86	W.	W.	19	18	O.	F.		0.00
Friday, 14,	29.93	42	44	40	75	86	80	N.W.	S.W.	10	14	C.	O.		0.00
Saturday, 15,	30.02	46	55	36	62	56	59	W.	W.	13	10	C.	C.		0.00
Week, - -	30.07		43	30			83								1.26

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.



Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 22, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 51.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 22, 1894.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet-fever.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	178	52	25	32	3	4	12
Worcester,	100,410	35	16	8	4	1	1	4
Fall River,	92,233	24	7	6	3	..	1	1
Lowell,	90,613	33	13	6	1	2	1	..
Cambridge,	79,607	23	11	6	1	1	..	4
Lynn,	65,123	29	9	2	3	1	..	1
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	24	4	3	1	1	1	1
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	21	11	5	2	..	..	2
Holyoke,	43,348	..	..	..	..	..	..	..
Brockton,	33,939	9	6	4	..	2	..	2
Salem,	33,155	13	1	..	1	..	..	..
Haverhill,	32,925	6	..	..	..	..	..	..
Malden,	30,209	13	3	1	4	..	..	1
Chelsea,	29,806	12	3	1	2	..	..	1
Fitchburg,	29,383	5	3	..	..	..	..	..
Newton,	28,837	7	2	1	..	..	1	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	12	2	..	1	..	..	..
Waltham,		4	1	1	..	..	..	1
Quincy,		10	2	3	..	..	..	2
North Adams,		3	2	..	..	..	..	..
Pittsfield,		5	0	1	1	..	1	..
Everett,		4	2	2	..	..	1	1
Northampton,		8	1	1	1	..	1	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		8	5	3	..	1	..	1
Newburyport,		4	2	..	..	..	..	..
Brookline,		4	2	..	..	..	..	..
Medford,		4	2	..	1	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		..	..	..	..	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		2	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet-fever.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,451,582	500	162	79	58	12	12	34

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Seventy-nine deaths were reported from the principal infectious diseases: diphtheria and croup, 34; scarlet fever, 12; typhoid fever, 12; diarrhœal diseases, 9; whooping-cough, 6; erysipelas, 3; puerperal fever, 2; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox, measles and malarial fever.

There were 58 deaths from acute lung diseases; consumption, 54; and still-births, 40.

From diarrhœal diseases: Fall River and New Bedford, 3 each; Lowell, 2; Worcester, 1. From whooping-cough: Boston, 3; Fall River, Cambridge and Quincy, 1 each. From erysipelas: Boston, 2; Lowell, 1. From puerperal fever: Boston and Woburn, 1 each. From cerebro-spinal meningitis: Worcester, 1.

Deaths under five years of age numbered 162, as compared with 153 for the preceding week.

Deaths from the principal infectious diseases numbered 79, as compared with 80 for the preceding week.

The death rates for the week were: Boston, 18.46; Worcester, 18.14; Fall River, 13.53; Lowell, 18.93; Cambridge, 15.02; Lynn, 23.15; Somerville, ——; Springfield, 24.81; Lawrence, ——; New Bedford, 22.88; Holyoke, ——; Brockton, 13.78; Salem, 20.38; Haverhill, 9.47; Malden, 22.37; Chelsea, 20.94; Fitchburg, 8.84; Newton, 12.62; Gloucester, ——; Taunton, 23.15; Waltham, 9.45; Quincy, 20.60; North Adams, 8.25; Pittsfield, 13.31; Everett, 13.62; Northampton, 24.96; Marlborough, ——; Chicopee, ——; Woburn, 27.84; Newburyport, 14.71; Medford, 16.37.

The total death rate for the week was 17.91, against 17.09 and 18.08 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 22, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	215.	Measles, ...	81.
Diphtheria and croup, ...	198.	Typhoid fever, ...	31.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 22, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 16,	30.10	46	55	37	72	86	79	Calm	S.	0	12	C.	F.		0.00
Monday, 17,	30.04	46	54	39	74	55	64	S. W.	W.	12	12	O.	C.		0.00
Tuesday, 18,	30.30	34	36	31	44	33	38	W.	W.	14	8	C.	C.		0.00
Wednes'y, 19,	30.24	34	41	28	50	66	58	S. W.	S. W.	4	5	O.	C.		0.00
Thursday, 20,	30.32	38	43	32	71	76	74	S. W.	S. E.	9	3	C.	C.		0.00
Friday, 21,	30.28	38	49	28	80	88	84	N. W.	S.	2	13	S.	F.		0.00
Saturday, 22,	30.00	42	52	31	61	45	53	S. W.	N. W.	14	26	O.	C.		0.00
Week, - -	30.18		47	32			64								

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Return of Mortality

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 29, 1894.

AN OFFICIAL PUBLICATION OF THE

STATE BOARD OF HEALTH.

VOL. XII. No. 52.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JOSEPH W. HASTINGS, M.D., Warren.
JAMES J. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*
F. P. STEARNS, C.E., *Engineer.*

MORTALITY OF MASSACHUSETTS

For the Week ending December 29, 1894.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report will in future be published weekly, and will contain the returns from all cities and towns having a population of more than 10,000 inhabitants. A monthly report will also be issued, to contain the returns from all reporting towns for the month.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to auy town clerk or health officer who has charge of such returns and is williug to comply with this request.

CITIES AND TOWNS.	Estimated Population. 1894.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	501,107	215	59	25	33	..	1	19
Worcester,	100,410	29	13	2	3	..	..	2
Fall River,	92,233	30	15	5	4	2	..	2
Lowell,	90,613	31	8	2	3	1	..	1
Cambridge,	79,607	22	6	3	2	..	..	2
Lynn,	65,123	21	0	1	3	..	..	1
Somerville,	50,727	..	..	..	..	..	..	..
Springfield,	50,284	16	3	4	2	..	2	2
Lawrence,	49,900	..	..	..	..	..	..	..
New Bedford,	47,741	16	11	2	1	2	..	..
Holyoke,	43,348	12	7	3	6	3	..	..
Brockton,	33,939	10	4	1	..	..	..	1
Salem,	33,155	12	3	2	..	1	..	..
Haverhill,	32,925	12	1	..	..	..	..	..
Malden,	30,209	14	1	2	..	..	1	1
Chelsea,	29,806	6	1	1	1	..	..	1
Fitchburg,	29,383	5	1	1	..	..	1	..
Newton,	28,837	3	0	..	..	..	..	..
Gloucester,	27,293	..	..	..	..	..	..	..
Taunton,	26,954	10	0	2	..	..	..	2
Waltham,		8	3	1	..	..	..	1
Quincy,		..	..	..	..	..	..	..
North Adams,		8	1	1	1	..	1	..
Pittsfield,		2	0	..	1	..	..	..
Everett,		5	2	..	1	..	..	..
Northampton,		3	1	..	2	..	..	..
Marlborough,		..	..	..	..	..	..	..
Chicopee,		..	..	..	..	..	..	..
Woburn,		10	1	..	1	..	..	..
Newburyport,		3	1	..	2	..	..	..
Brookline,		4	3	2	..	..	..	2
Medford,		4	1	..	..	..	..	..
Weymouth,		..	..	..	..	..	..	..
Beverly,		..	..	..	..	..	..	..
Hyde Park,		6	0	..	1	..	..	..
Clinton,		..	..	..	..	..	..	..
Adams,		..	..	..	..	..	..	..
Amesbury,		3	0	..	..	..	..	..
Melrose,		..	..	..	..	..	..	..
Westfield,		..	..	..	..	..	..	..
Framingham,		..	..	..	..	..	..	..
Peabody,		..	..	..	..	..	..	..

RECAPITULATION.

	Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,487,190	520	146	60	67	9	6	37

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Sixty deaths were reported from the principal infectious diseases: diphtheria and croup, 37; diarrhœal diseases, 9; typhoid fever, 6; scarlet fever, 6; cerebro-spinal meningitis, 1; erysipelas, 1.

No deaths were reported from small-pox, measles, whooping-cough, malarial fever and puerperal fever.

There were 70 deaths from consumption; acute lung diseases, 67; and still-births, 35.

From scarlet fever: Boston, 3; Fall River, Cambridge and Salem, 1 each. From cerebro-spinal meniugitis: Boston, 1. From erysipelas: Boston, 1.

Deaths under five years of age numbered 146, as compared with 162 for the preceding week.

Deaths from the principal infectious diseases numbered 60, as compared with 79 for the preceding week.

The death rates for the week were: Boston, 22.30; Worcester, 15.00; Fall River, 16.91; Lowell, 17.79; Cambridge, 14.37; Lynn, 16.76; Somerville, ——; Springfield, 16.54; Lawrence, ——; New Bedford, 17.43; Holyoke, 14.39; Brockton, 15.32; Salem, 18.81; Haverhill, 18.95; Malden, 24.09; Chelsea, 10.47; Fitchburg, 8.84; Newton, 5.40; Gloucester, ——; Taunton, 19.29; Waltham, 18.90; Quincy, ——; North Adams, 22.00; Pittsfield, 5.32; Everett, 17.03; Northampton, 9.36; Marlborough, ——; Chicopee, ——; Woburn, 34.81; Newburyport, 11.03; Medford, 16.37.

The total death rate for the week was 18.82, against 17.91 and 17.09 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING DECEMBER 29, 1894.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet-fever, ...	229.	Measles, ...	49.
Diphtheria and croup, ...	189.	Typhoid fever, ...	27.

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 29, 1894.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 23,	30.40	20	23	17	58	68	63	N. W.	N. W.	15	13	C.	C.		0.00
Monday, 24,	30.36	20	30	11	75	77	76	N. W.	S.	6	8	O.	O.		0.00
Tuesday, 25,	29.91	38	48	28	92	73	82	S. W.	W.	8	17	O.	C.		0.19
Wednes'y, 26,	30.44	22	26	18	51	47	49	N.	N. E.	6	9	C.	O.		0.00
Thursday, 27,	29.76	33	44	22	100	58	79	N. E.	W.	42	30	Sleet.	F.		2.32
Friday, 28,	30.05	14	20	9	69	61	65	W.	N. W.	14	15	O.	F.		0.00
Saturday, 29,	29.92	12	17	8	56	48	52	N. W.	W.	16	17	O.	C.		T.
Week, - -	30.12		29	16			66								2.51

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

V. HOLZER
BINDER
BOSTON, MASS.